

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012325\
 Data File : VX044699.D
 Acq On : 23 Jan 2025 08:21
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jan 24 03:10:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.885	128	17047	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	92191	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	78268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	45074	27.389	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	91.300%	
60) 4-Bromofluorobenzene	11.079	95	42743	28.116	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	93.733%	
63) Toluene-d8	8.641	98	134890	31.687	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	105.633%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27916	18.418	ug/l	97
3) Chloromethane	1.294	50	32612	20.455	ug/l	100
4) Vinyl Chloride	1.374	62	32442	20.797	ug/l	97
5) Bromomethane	1.605	94	7578	20.100	ug/l	91
6) Chloroethane	1.672	64	7157	28.935	ug/l	90
7) Trichlorofluoromethane	1.867	101	29609	17.332	ug/l	99
8) Diethyl Ether	2.130	74	10006	15.182	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	25291	20.664	ug/l	99
10) 1,1-Dichloroethene	2.312	96	24619	19.552	ug/l	99
11) Methyl Iodide	2.440	142	29490	16.901	ug/l	97
12) Methyl Acetate	2.703	43	42511	23.126	ug/l	99
13) Acrolein	2.239	56	32645	160.582	ug/l	99
14) Acrylonitrile	3.062	53	81216	121.245	ug/l	98
15) Acetone	2.386	58	22128	123.110	ug/l	92
16) Carbon Disulfide	2.501	76	62957	17.992	ug/l	98
17) Allyl chloride	2.660	41	44788	19.724	ug/l	95
18) Methylene Chloride	2.782	84	24996	17.739	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	22859	18.257	ug/l	96
20) Diisopropyl ether	3.751	45	82723	20.071	ug/l #	79
21) 1,1-Dichloroethane	3.599	63	47614	19.475	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	29096	18.776	ug/l	99
23) tert-Butyl Alcohol	2.977	59	21934m	67.700	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	81456	18.670	ug/l	96
25) Chloroform	5.080	83	46377	19.090	ug/l	99
26) Cyclohexane	5.458	56	44469	21.641	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	31665	19.747	ug/l	98
30) 2-Butanone	4.556	43	104882	119.067	ug/l	99
31) 2,2-Dichloropropane	4.465	77	38673	17.428	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	40470	19.044	ug/l	99
33) Carbon Tetrachloride	5.659	117	34318	19.144	ug/l	96
34) Benzene	6.025	78	103137	20.160	ug/l	99
35) Methacrylonitrile	4.910	41	20261	20.580	ug/l	95
36) 1,2-Dichloroethane	6.080	62	33054	18.071	ug/l	98
37) Trichloroethene	7.116	130	22769	18.433	ug/l	91
38) Methylcyclohexane	7.366	83	43531	19.980	ug/l	99
39) 1,2-Dichloropropane	7.421	63	25405	19.914	ug/l	93
40) Dibromomethane	7.574	93	17518	18.470	ug/l	99
41) Bromodichloromethane	7.818	83	36191	18.480	ug/l	99
42) Vinyl Acetate	3.715	43	361851	103.438	ug/l	100

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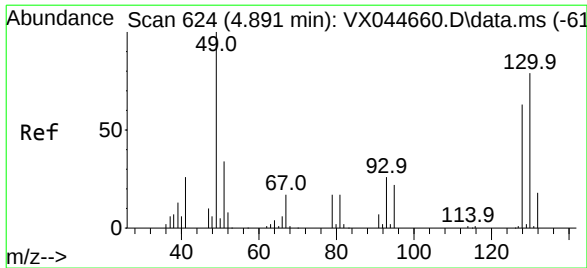
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 24 03:10:53 2025
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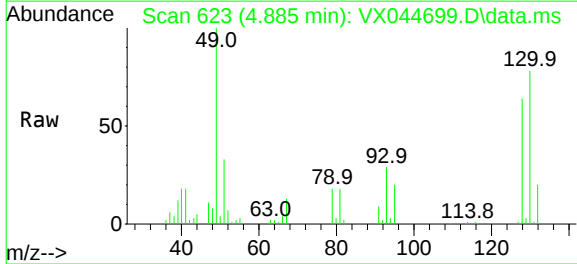
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	39257	22.719	ug/l #	94
44) Isopropyl Acetate	6.330	43	62910	20.266	ug/l	99
45) 1,4-Dioxane	7.702	88	14767m	499.569	ug/l	
46) Methyl methacrylate	7.690	41	30754	20.240	ug/l	95
47) n-amyl Acetate	10.841	43	49540	19.016	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	34265	16.576	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	39775	17.945	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	24205	19.815	ug/l	98
51) Ethyl methacrylate	9.116	69	40375	19.027	ug/l	97
52) 1,3-Dichloropropane	9.305	76	40739	19.283	ug/l	97
53) Dibromochloromethane	9.518	129	26851	18.396	ug/l	99
54) 1,2-Dibromoethane	9.604	107	24474	18.953	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	97741	94.930	ug/l	98
56) Bromoform	10.799	173	17759	18.348	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	192718	116.815	ug/l	99
59) 2-Hexanone	9.433	43	140850	116.616	ug/l	100
61) Tetrachloroethene	9.269	164	17692	18.844	ug/l	98
62) Toluene	8.714	91	104366	20.251	ug/l	97
64) Chlorobenzene	10.079	112	59963	18.734	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	22732	19.771	ug/l	98
66) Ethyl Benzene	10.189	91	109367	19.445	ug/l	98
67) m/p-Xylenes	10.299	106	79236	38.326	ug/l	99
68) o-Xylene	10.640	106	41437	19.970	ug/l	95
69) Styrene	10.652	104	63209	18.554	ug/l	99
70) Isopropylbenzene	10.957	105	101235	19.407	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	37630	21.459	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	35576m	24.115	ug/l	
73) Bromobenzene	11.195	156	21546	17.731	ug/l	97
74) n-propylbenzene	11.299	91	107726	18.182	ug/l	99
75) 2-Chlorotoluene	11.360	91	70570	18.945	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	81252	19.181	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	12855	18.418	ug/l	98
78) 4-Chlorotoluene	11.451	91	71994	17.541	ug/l	99
79) tert-butylbenzene	11.713	119	83422	19.169	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	78949	18.472	ug/l	97
81) sec-Butylbenzene	11.890	105	94566	18.198	ug/l	99
82) p-Isopropyltoluene	12.006	119	75252	17.595	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	36029	16.692	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	35836	16.936	ug/l	100
85) n-Butylbenzene	12.329	91	59143	15.953	ug/l	99
86) Hexachloroethane	12.536	117	17040	18.111	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	38711	17.960	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8323	19.706	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	20031	14.955	ug/l	99
90) Hexachlorobutadiene	13.719	225	8072	15.580	ug/l	98
91) Naphthalene	13.774	128	89735	17.907	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	21030	15.437	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

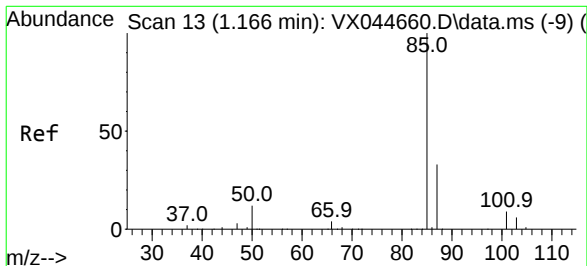
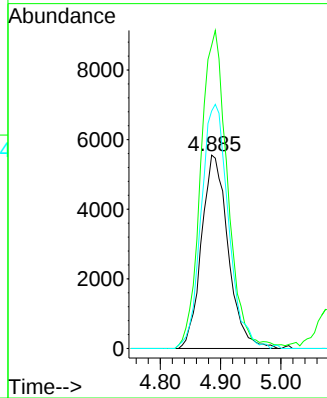
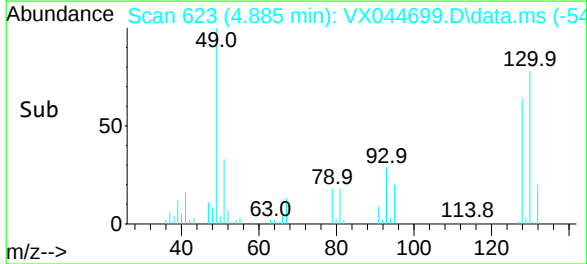
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 128 Resp: 17047
Ion Ratio Lower Upper
128 100
49 164.7 0.0 411.5
130 128.7 0.0 324.3

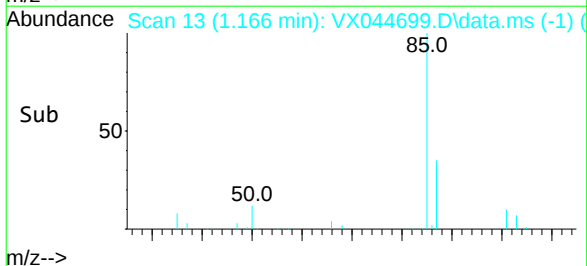
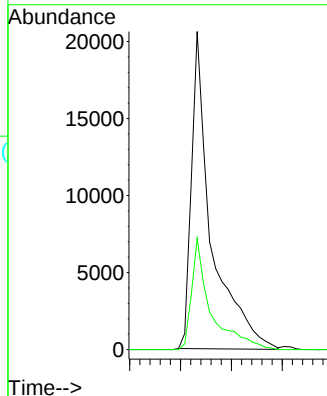
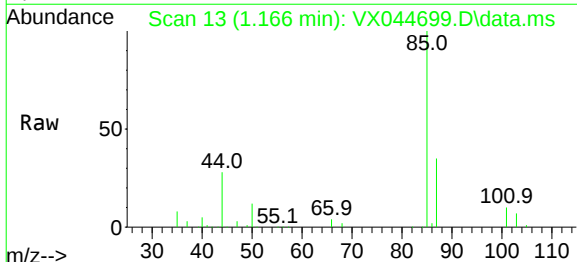
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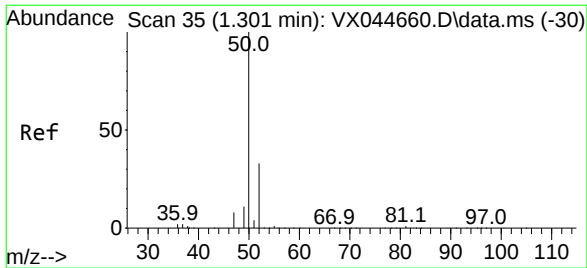
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#2
Dichlorodifluoromethane
Concen: 18.418 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

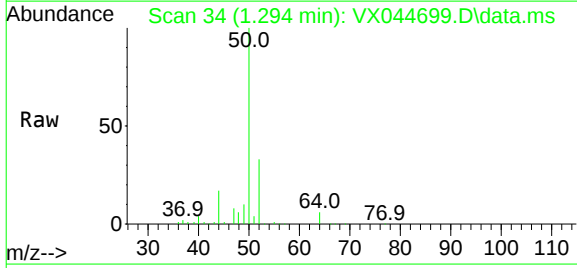
Tgt Ion: 85 Resp: 27916
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8





#3
Chloromethane
Concen: 20.455 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

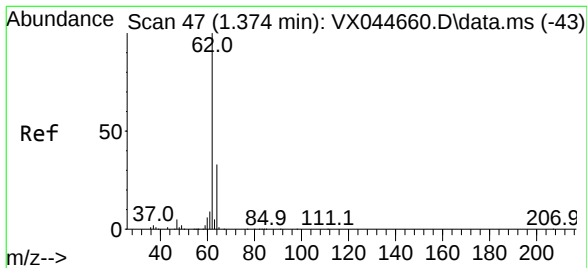
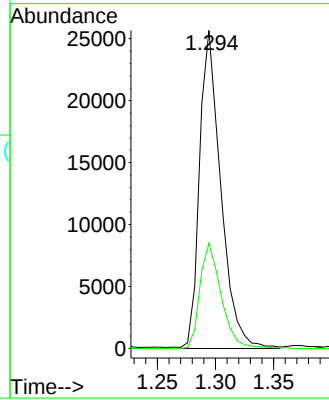
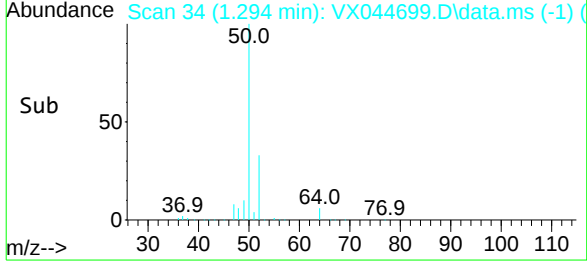
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 32612
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7

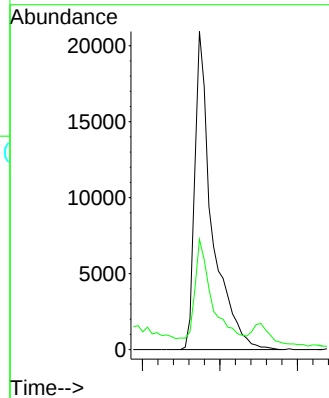
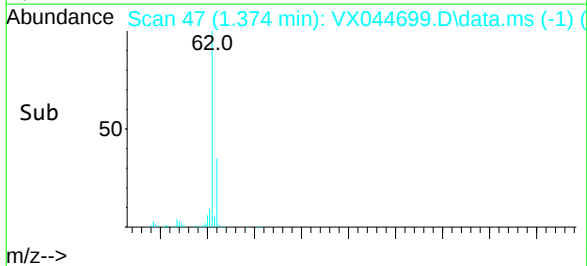
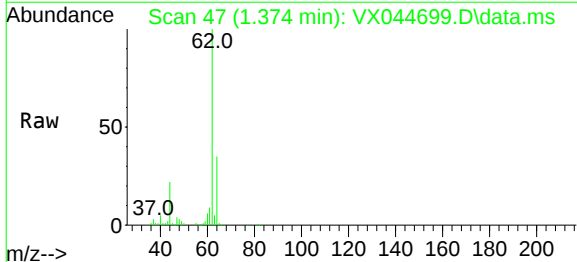
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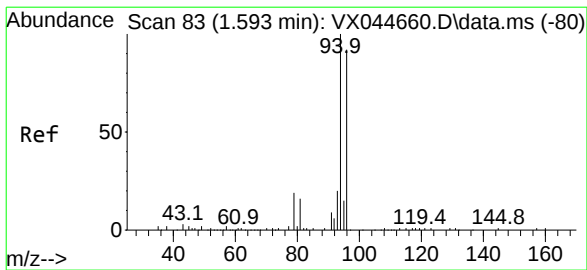
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#4
Vinyl Chloride
Concen: 20.797 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 62 Resp: 32442
Ion Ratio Lower Upper
62 100
64 32.3 27.3 40.9





#5

Bromomethane

Concen: 20.100 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.012 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 94 Resp: 7578

Ion Ratio Lower Upper

94 100

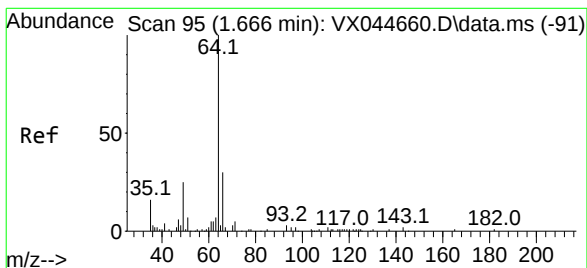
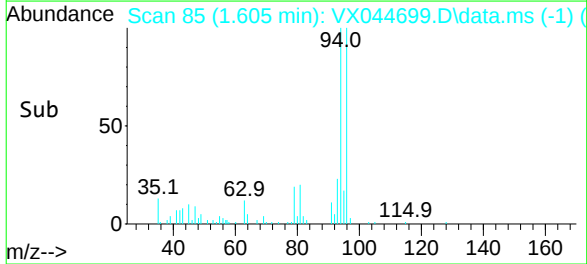
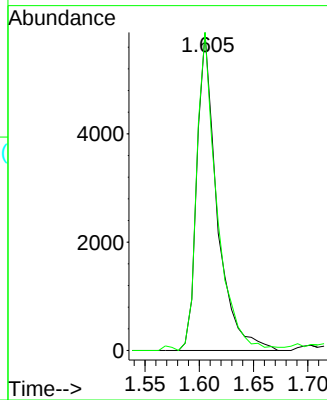
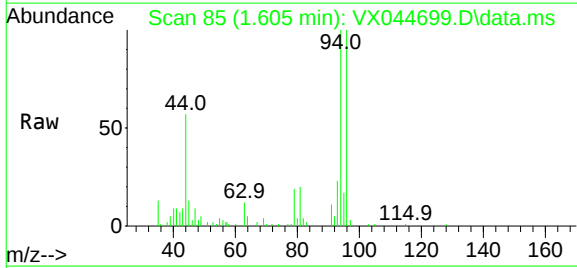
96 100.1 73.3 109.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#6

Chloroethane

Concen: 28.935 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX044699.D

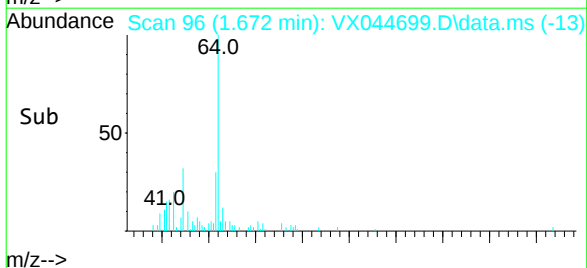
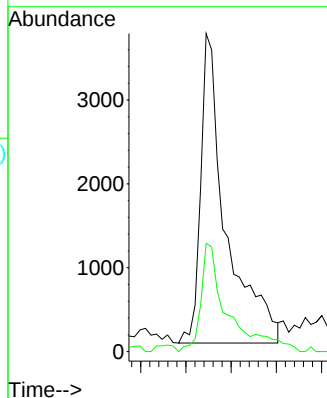
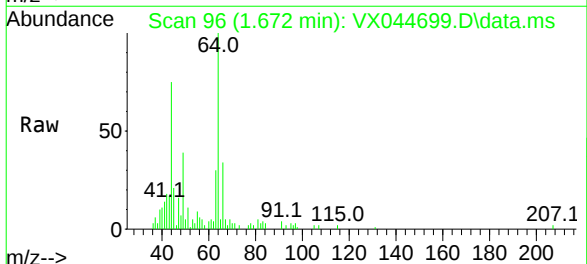
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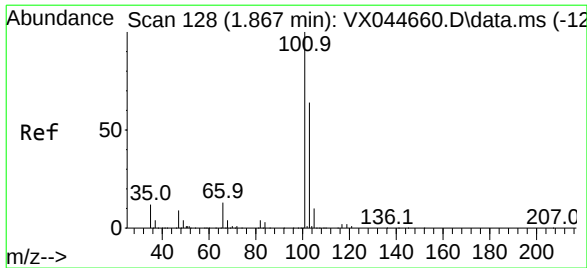
Tgt Ion: 64 Resp: 7157

Ion Ratio Lower Upper

64 100

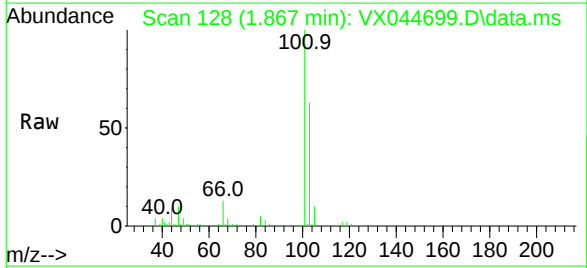
66 35.0 23.8 35.6





Trichlorofluoromethane
 Concen: 17.332 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044699.D
 Acq: 23 Jan 2025 08:21

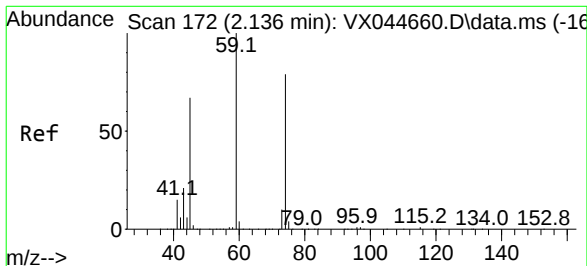
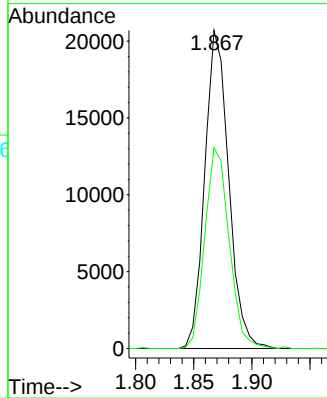
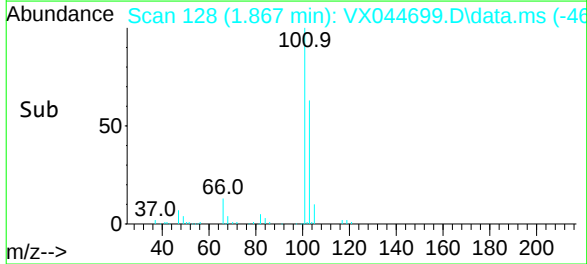
Instrument : MSVOA_X
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Tgt Ion: 101 Resp: 29609
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.1 76.7

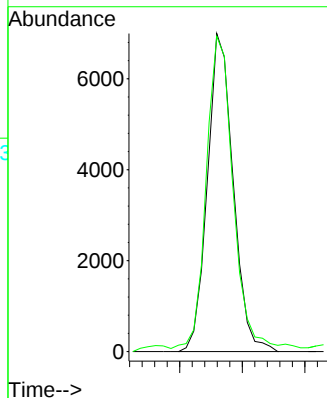
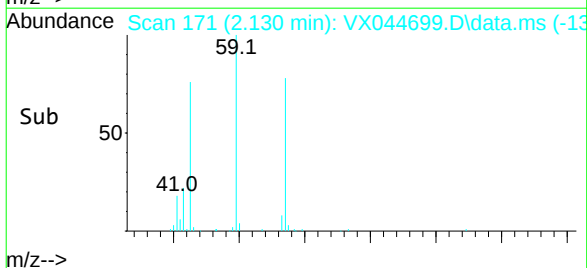
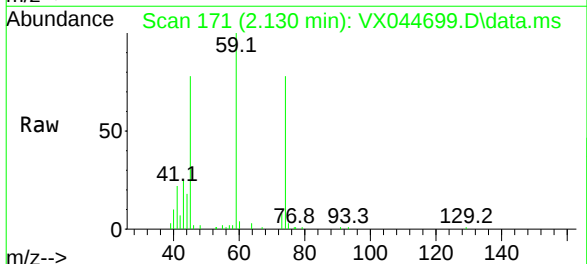
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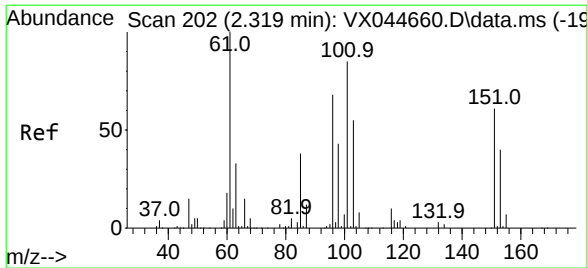
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



Diethyl Ether
 Concen: 15.182 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044699.D
 Acq: 23 Jan 2025 08:21

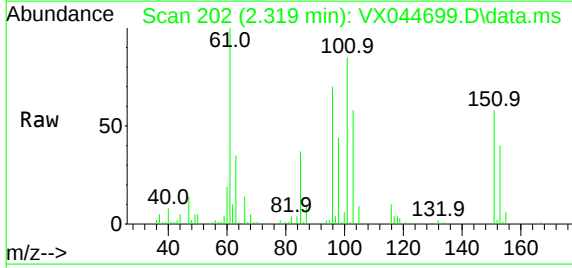
Tgt Ion: 74 Resp: 10006
 Ion Ratio Lower Upper
 74 100
 45 100.5 18.8 168.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.664 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

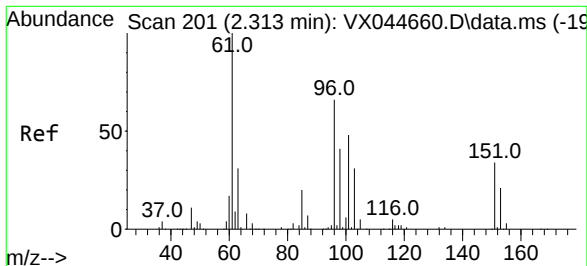
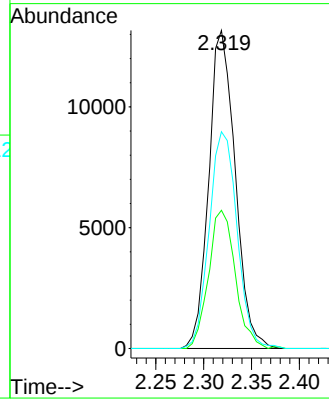
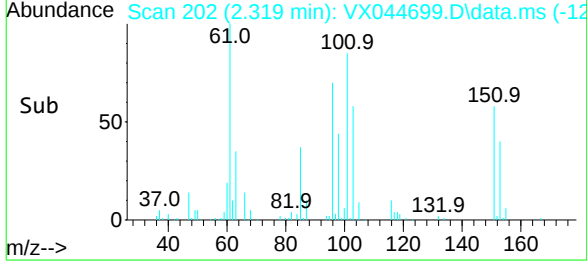
Instrument :
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VSTDCCC020



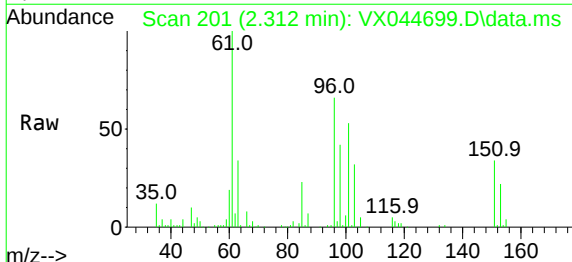
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Ion Ratio Lower Upper
101 100
85 43.9 0.0 88.0
151 72.0 0.0 147.0

Manual Integrations
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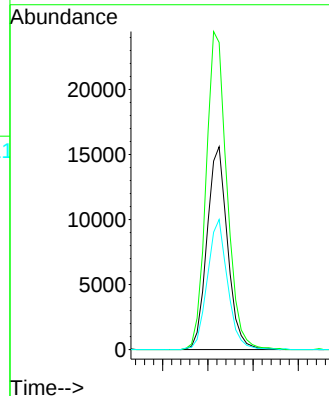
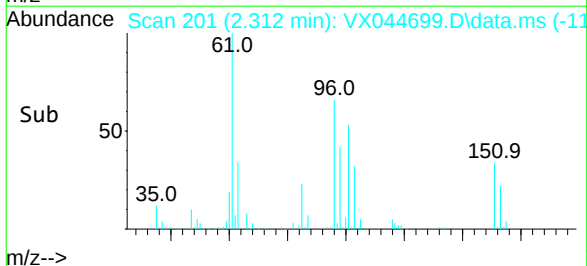
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

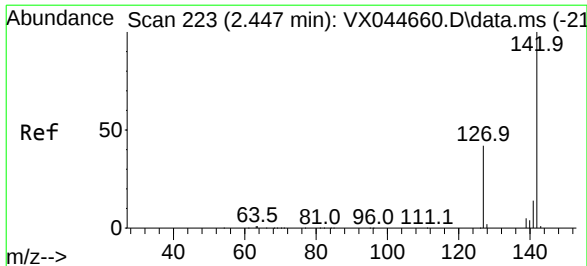


#10
1,1-Dichloroethene
Concen: 19.552 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21



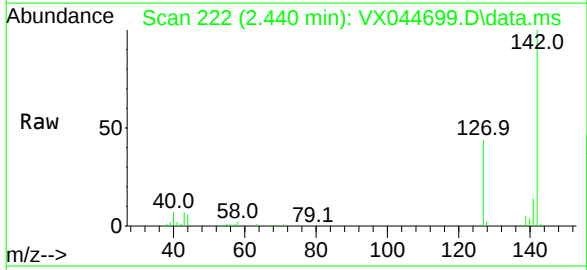
Tgt Ion: 96 Resp: 24619
Ion Ratio Lower Upper
96 100
61 151.4 121.6 182.4
98 64.1 50.3 75.5





#11
Methyl Iodide
Concen: 16.901 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

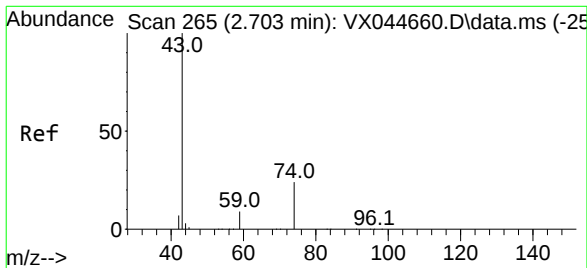
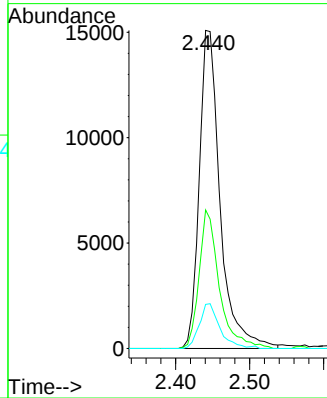
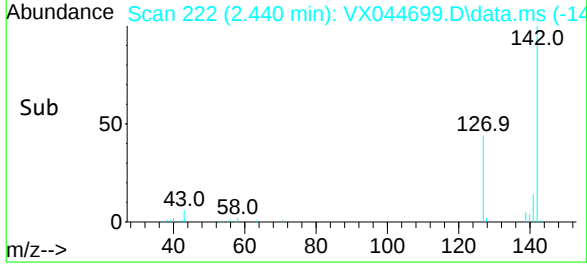
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 142 Resp: 29496
Ion Ratio Lower Upper
142 100
127 43.8 20.8 62.4
141 13.9 7.0 20.9

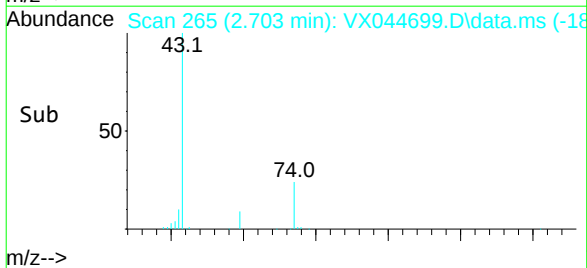
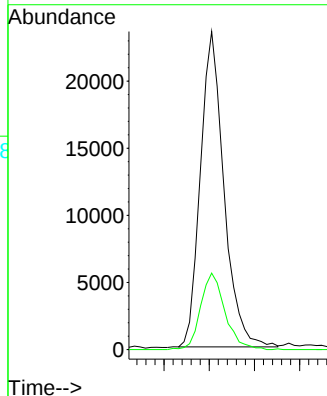
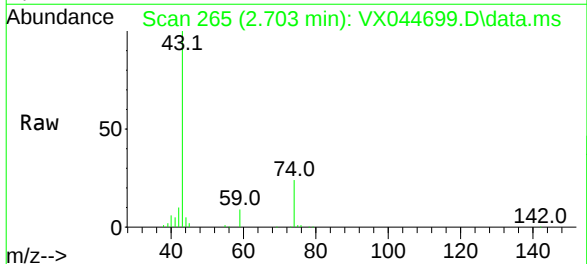
Manual Integrations
APPROVED

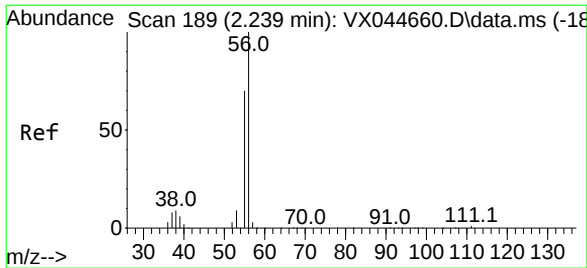
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#12
Methyl Acetate
Concen: 23.126 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 43 Resp: 42511
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2





#13

Acrolein

Concen: 160.582 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 32645

Ion Ratio Lower Upper

56 100

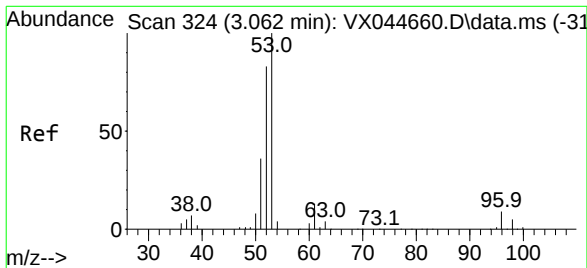
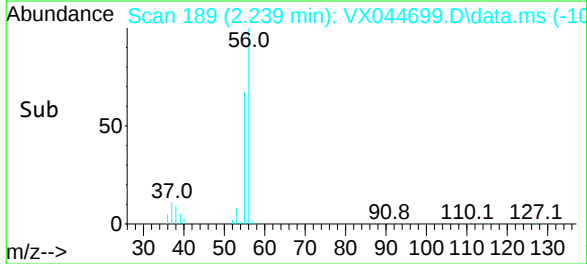
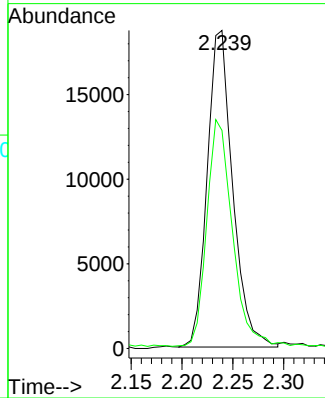
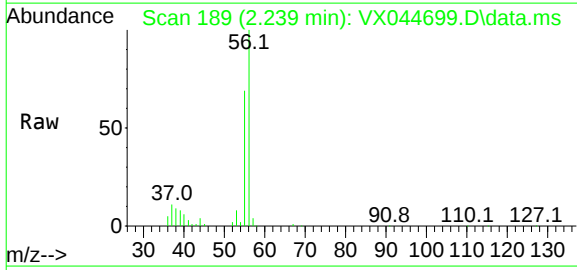
55 71.4 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#14

Acrylonitrile

Concen: 121.245 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

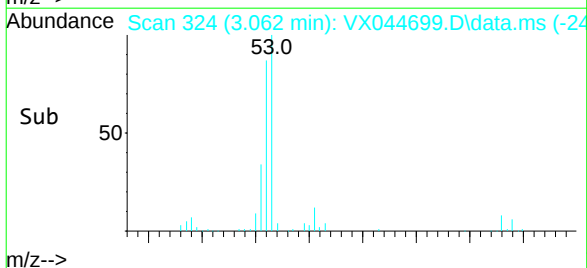
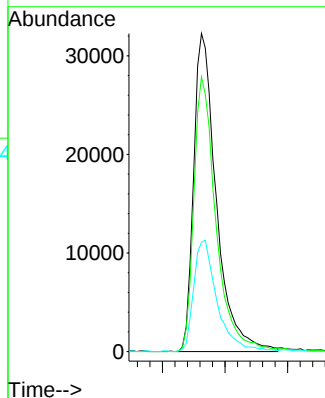
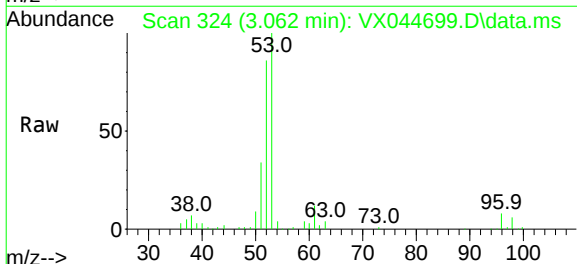
Tgt Ion: 53 Resp: 81216

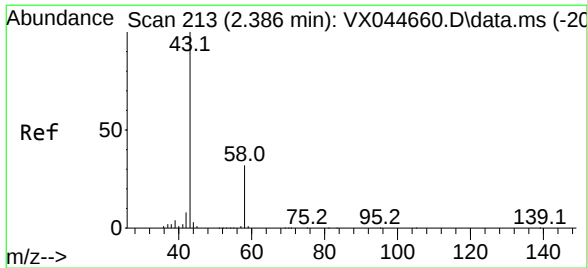
Ion Ratio Lower Upper

53 100

52 84.3 41.4 124.2

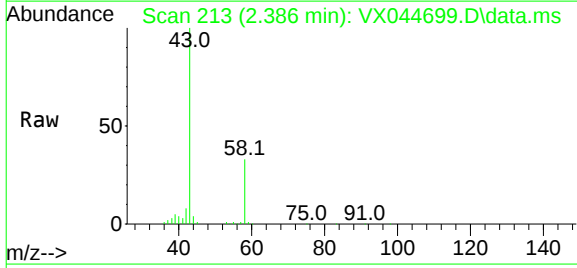
51 35.2 18.1 54.4





#15
Acetone
Concen: 123.110 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

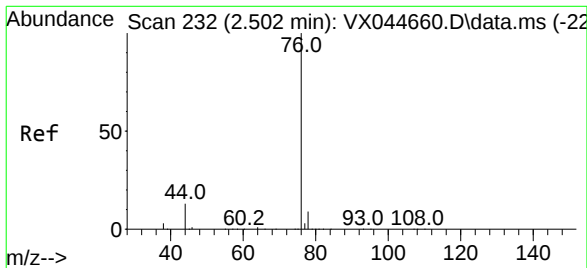
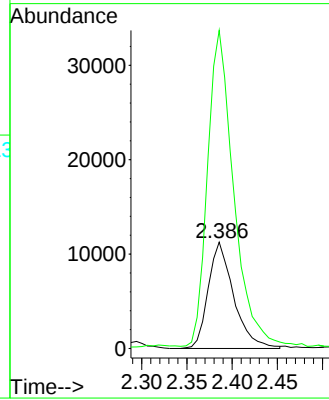
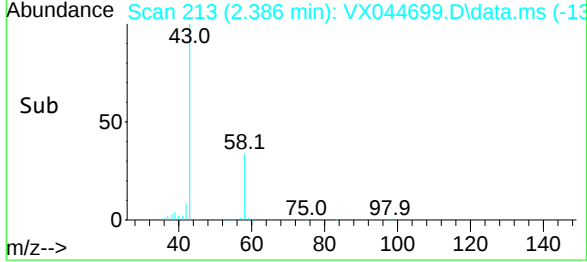
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 22128
Ion Ratio Lower Upper
58 100
43 297.1 251.0 376.4

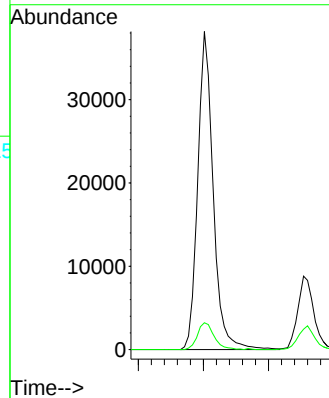
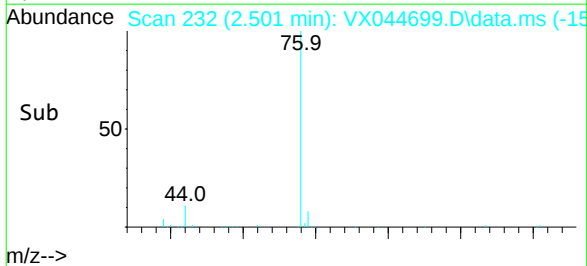
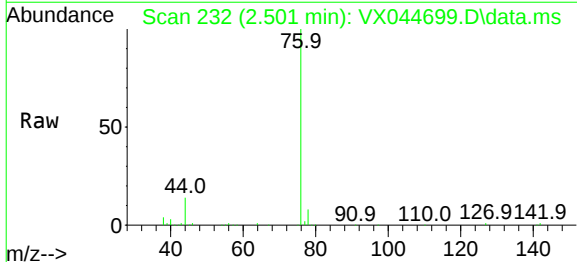
Manual Integrations
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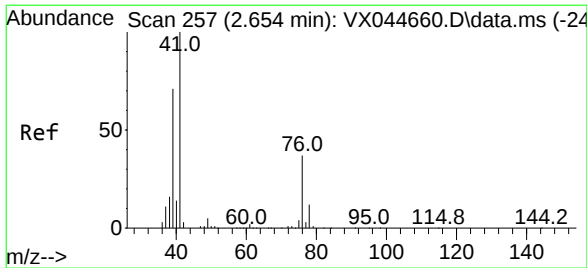
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#16
Carbon Disulfide
Concen: 17.992 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 76 Resp: 62957
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9





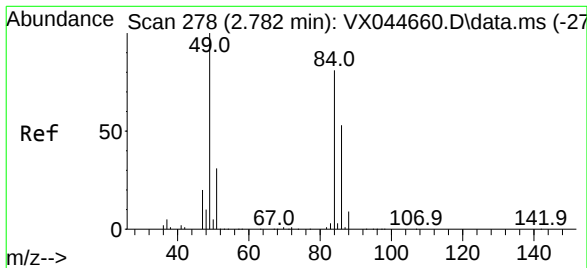
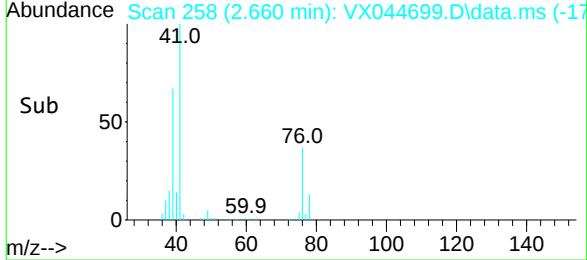
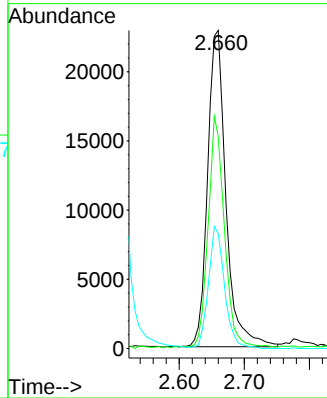
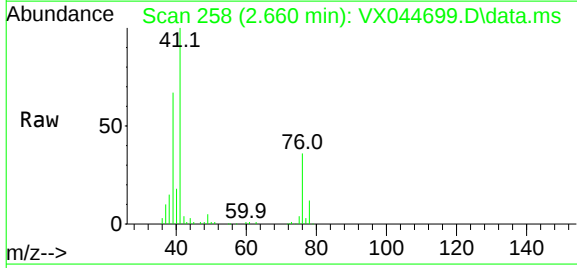
#17
 Allyl chloride
 Concen: 19.724 ug/l
 RT: 2.660 min Scan# 257
 Delta R.T. 0.006 min
 Lab File: VX044699.D
 Acq: 23 Jan 2025 08:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41 Resp: 44788
 Ion Ratio Lower Upper
 41 100
 39 66.5 35.6 106.8
 76 36.3 18.9 56.5

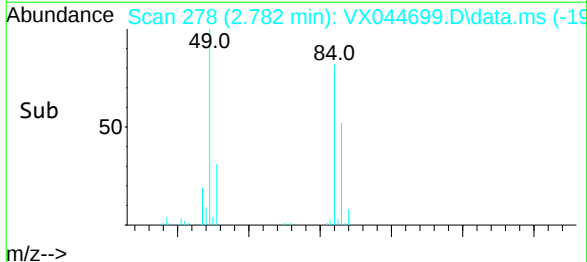
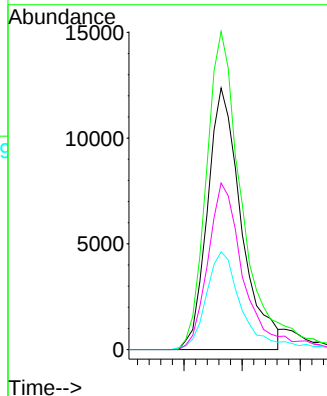
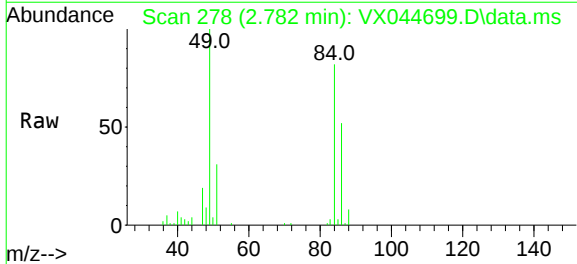
Manual Integrations
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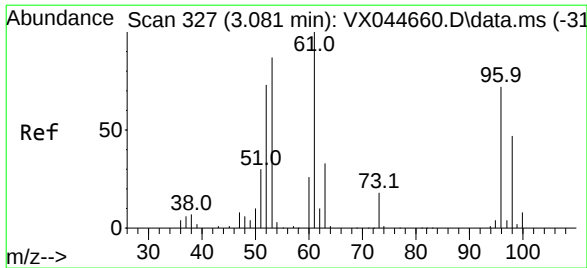
Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025



#18
 Methylene Chloride
 Concen: 17.739 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX044699.D
 Acq: 23 Jan 2025 08:21

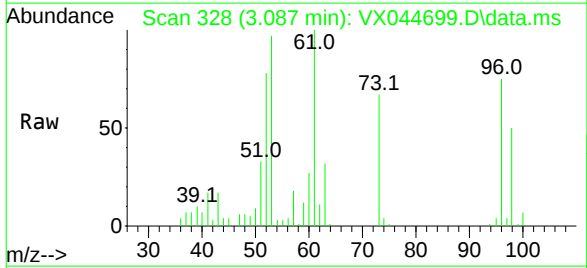
Tgt Ion: 84 Resp: 24996
 Ion Ratio Lower Upper
 84 100
 49 121.2 98.3 147.5
 51 36.6 30.6 46.0
 86 63.7 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 18.257 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

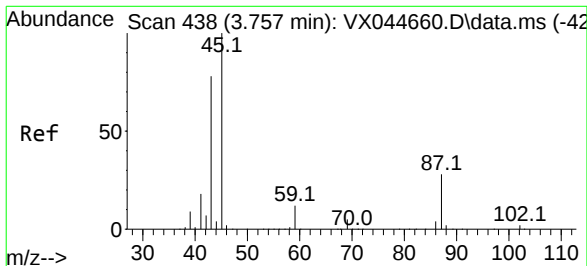
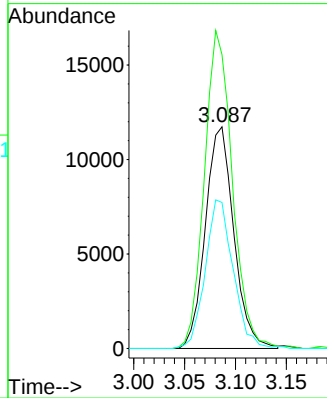
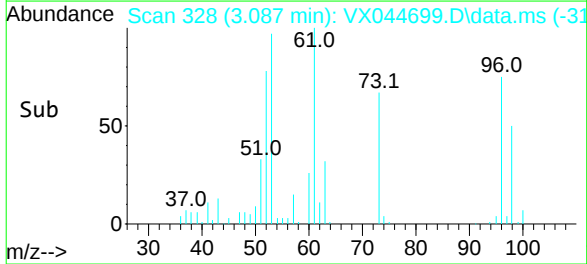
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



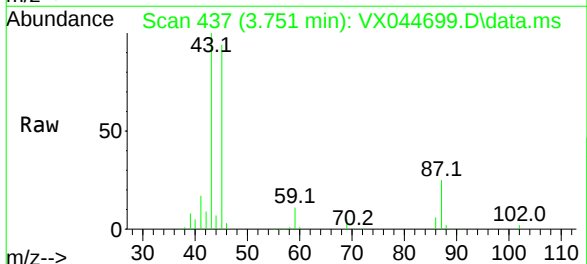
Tgt Ion: 96 Resp: 22859
Ion Ratio Lower Upper
96 100
61 132.0 111.5 167.3
98 65.2 52.6 79.0

Manual Integrations
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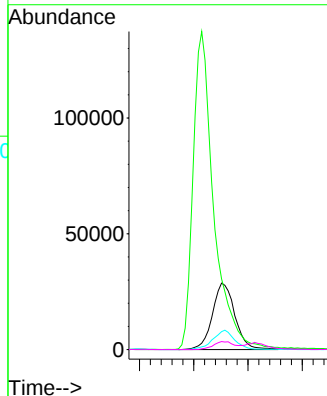
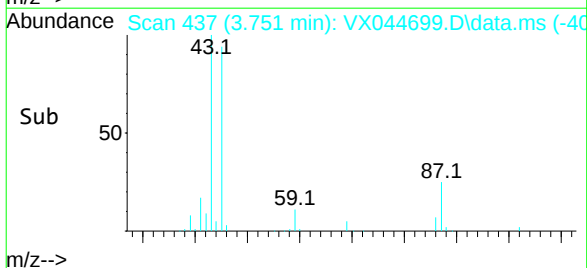
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

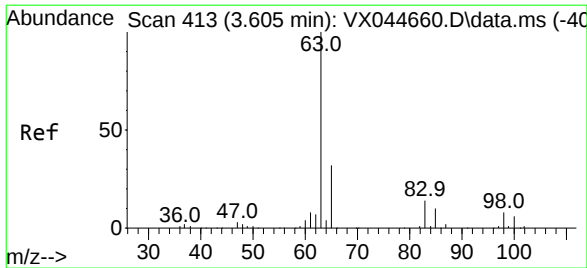


#20
Diisopropyl ether
Concen: 20.071 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21



Tgt Ion: 45 Resp: 82723
Ion Ratio Lower Upper
45 100
43 105.3 62.6 94.0#
87 27.0 22.7 34.1
59 12.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.475 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

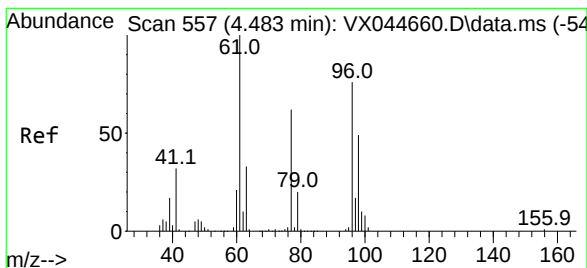
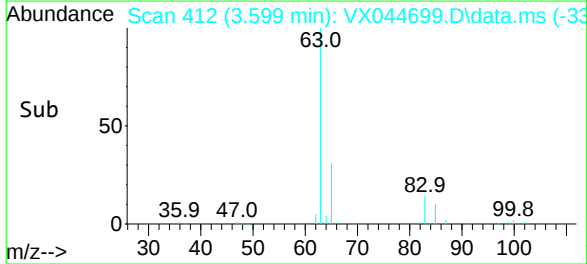
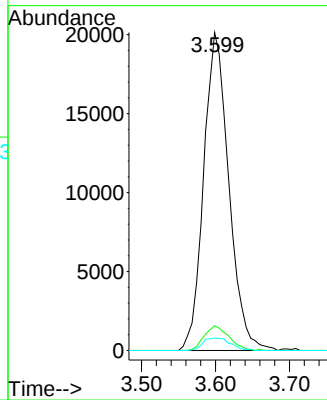
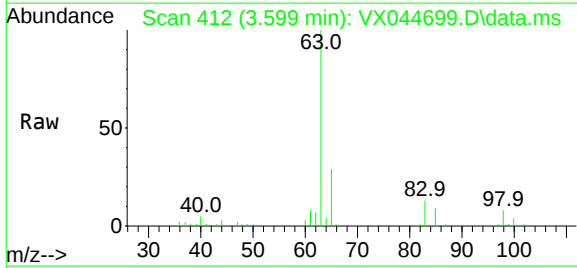
VSTDCCC020

Tgt Ion:	63	Resp:	47614
Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	4.0	2.8	8.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#22

cis-1,2-Dichloroethene

Concen: 18.776 ug/l

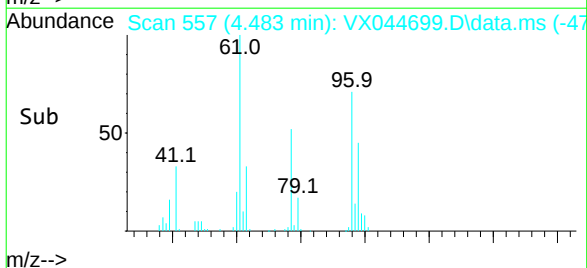
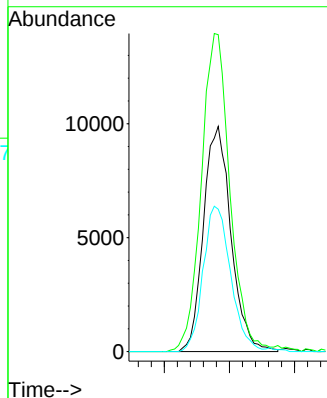
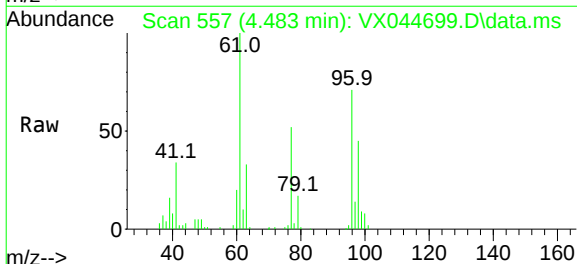
RT: 4.483 min Scan# 557

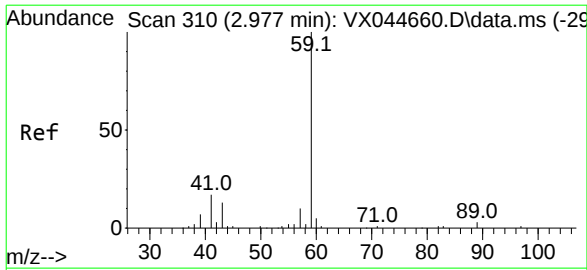
Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion:	96	Resp:	29096
Ion	Ratio	Lower	Upper
96	100		
61	145.7	115.2	172.8
98	64.2	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 67.700 ug/l m

RT: 2.977 min Scan# 310

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 21934

Ion Ratio Lower Upper

59 100

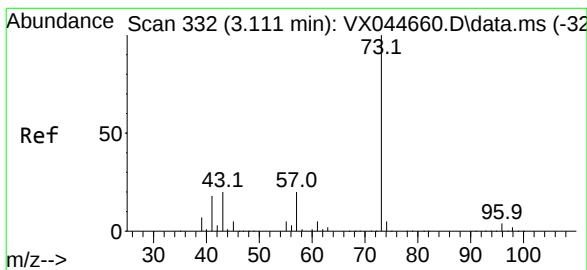
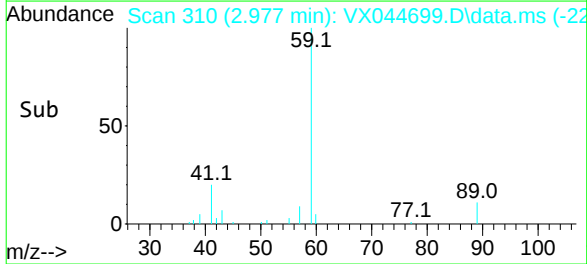
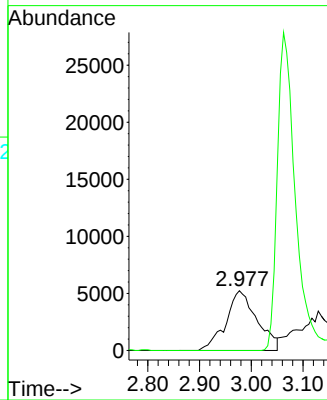
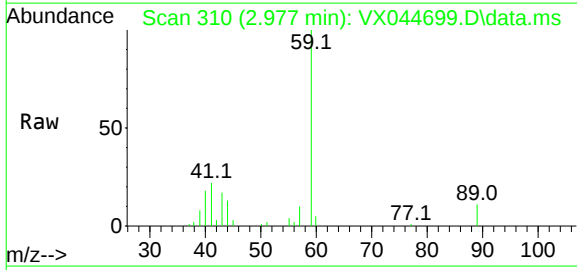
52 0.0 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#24

Methyl tert-Butyl Ether

Concen: 18.670 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044699.D

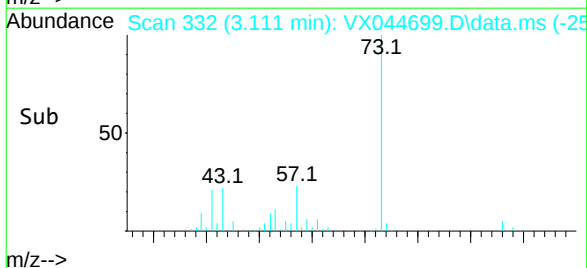
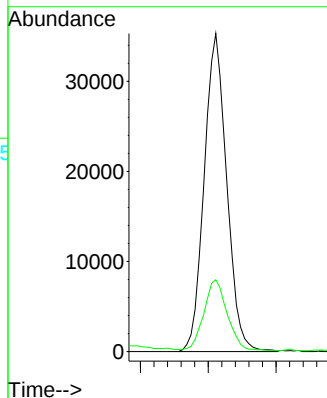
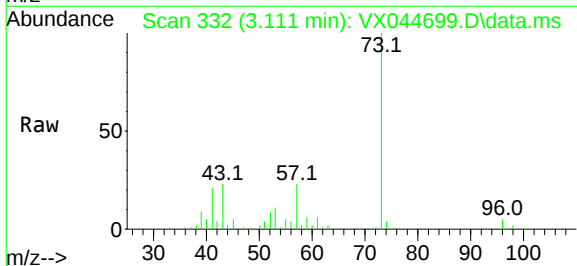
Acq: 23 Jan 2025 08:21

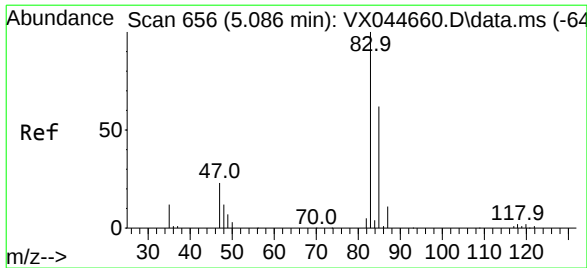
Tgt Ion: 73 Resp: 81456

Ion Ratio Lower Upper

73 100

43 23.2 16.9 25.3





#25

Chloroform

Concen: 19.090 ug/l

RT: 5.080 min Scan# 65

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 46377

Ion Ratio Lower Upper

83 100

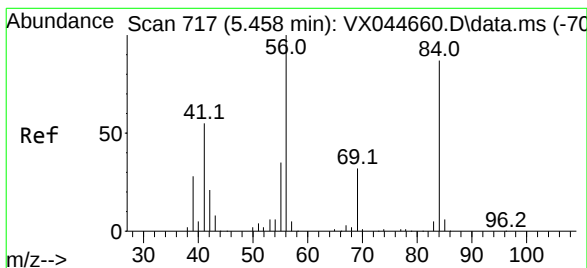
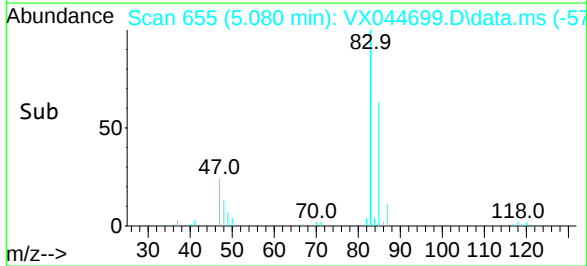
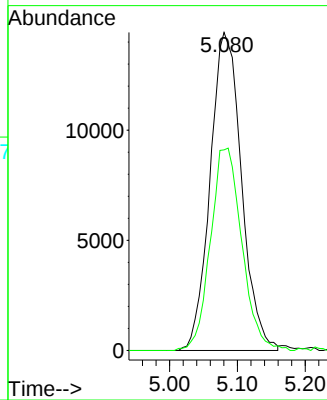
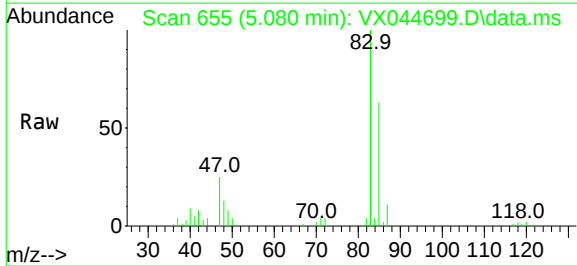
85 62.4 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#26

Cyclohexane

Concen: 21.641 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

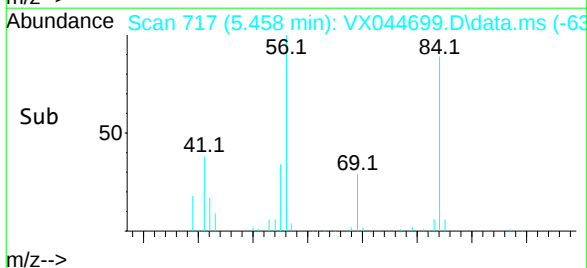
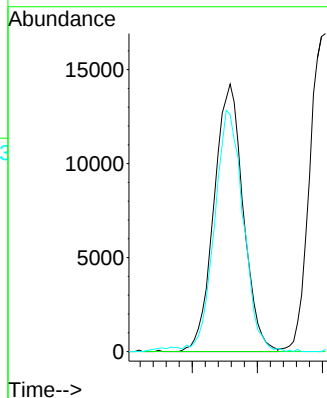
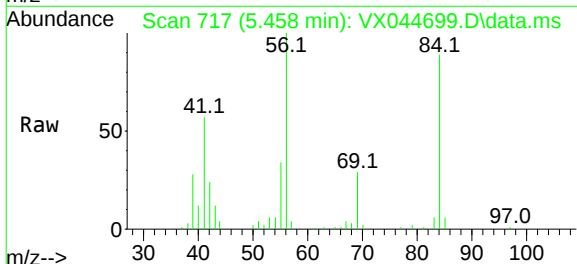
Tgt Ion: 56 Resp: 44469

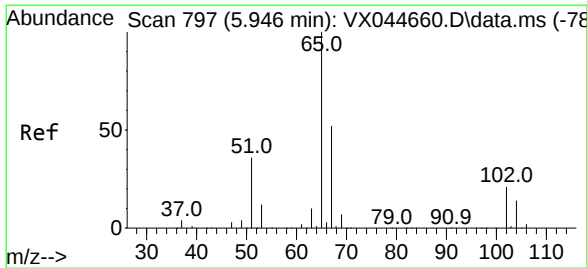
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.2 72.2 108.4





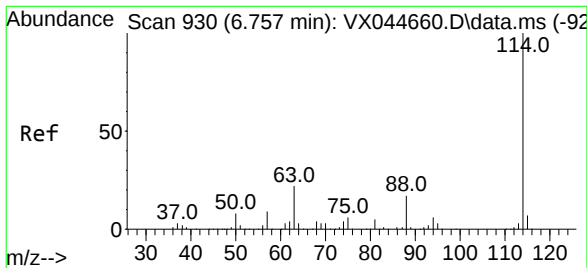
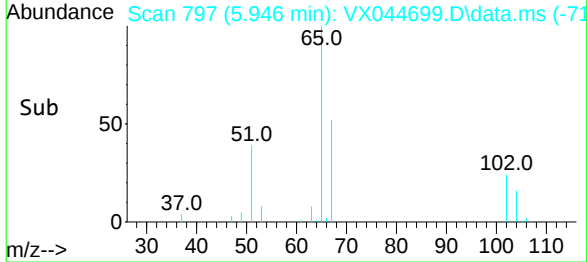
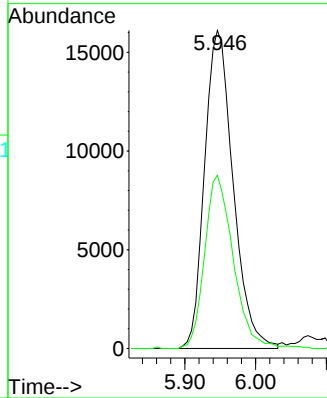
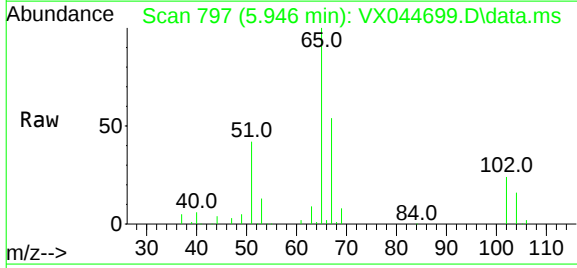
#27
1,2-Dichloroethane-d4
Concen: 27.389 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 45074
Ion Ratio Lower Upper
65 100
67 54.3 41.4 62.2

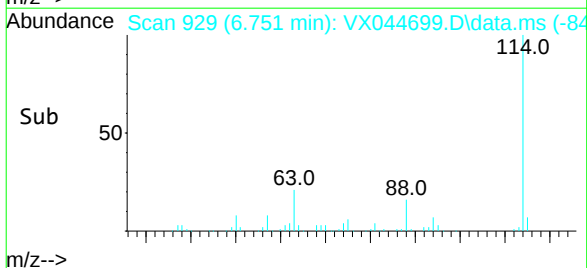
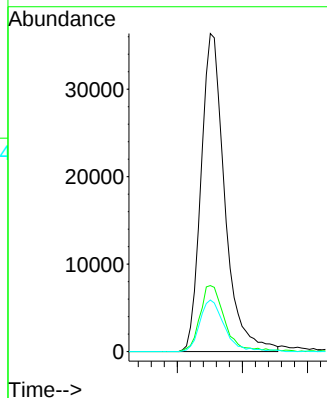
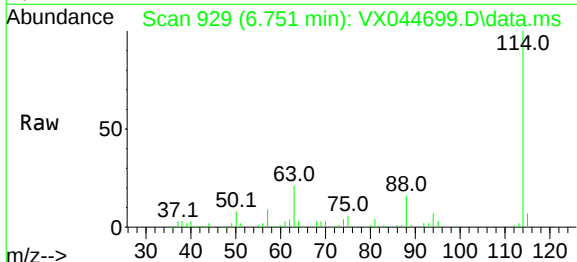
Manual Integrations
APPROVED

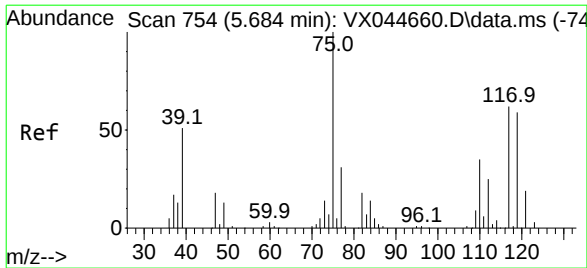
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:114 Resp: 92191
Ion Ratio Lower Upper
114 100
63 21.1 16.6 24.8
88 16.2 13.4 20.2





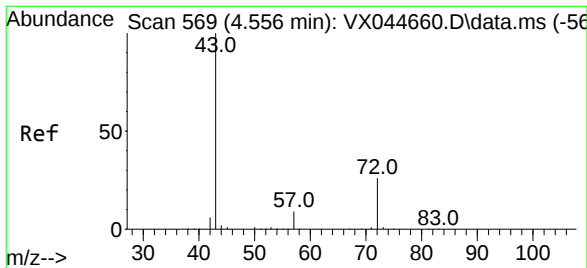
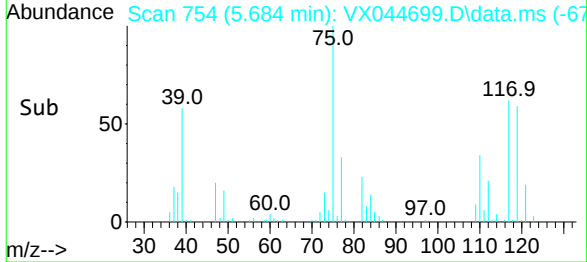
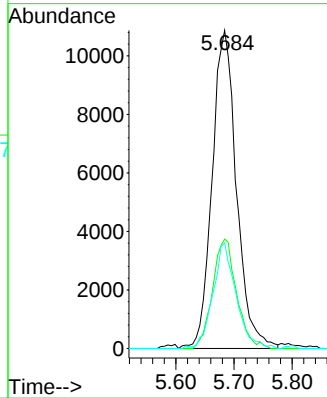
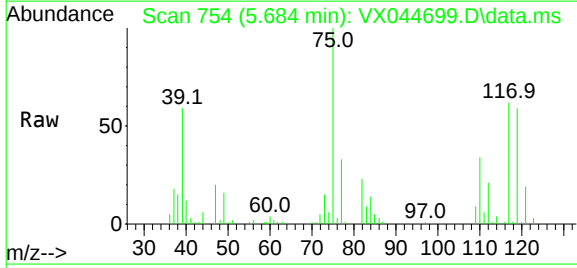
#29
1,1-Dichloropropene
Concen: 19.747 ug/l
RT: 5.684 min Scan# 75
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 31665
Ion Ratio Lower Upper
75 100
110 33.4 0.0 69.4
77 31.1 0.0 59.8

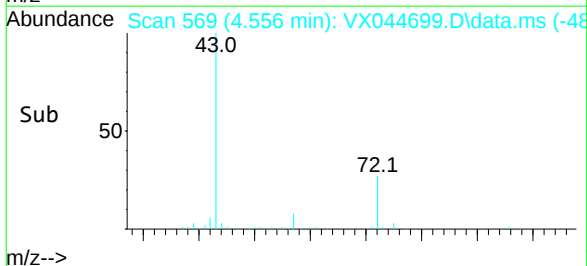
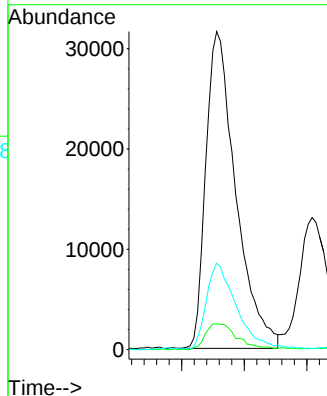
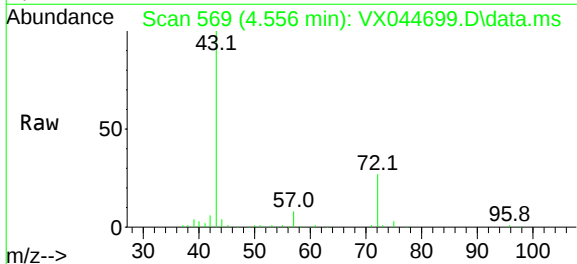
Manual Integrations
APPROVED

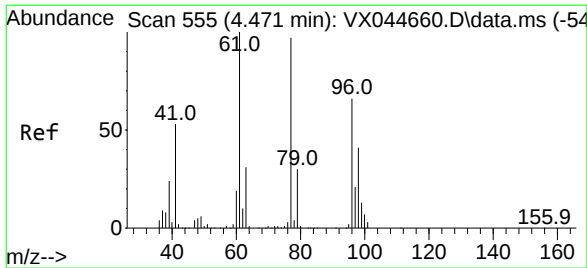
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#30
2-Butanone
Concen: 119.067 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 43 Resp: 104882
Ion Ratio Lower Upper
43 100
57 7.0 6.4 9.6
72 27.0 21.5 32.3





#31

2,2-Dichloropropane

Concen: 17.428 ug/l

RT: 4.465 min Scan# 55

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 38673

Ion Ratio Lower Upper

77 100

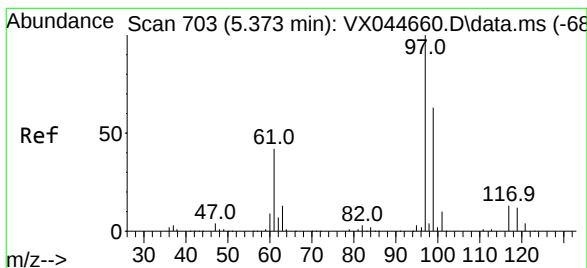
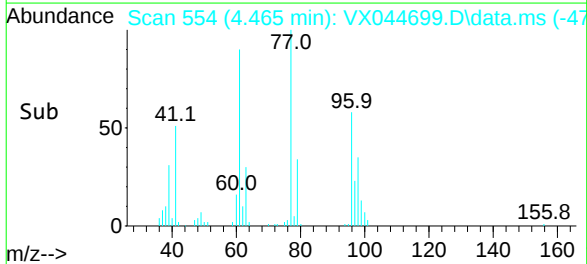
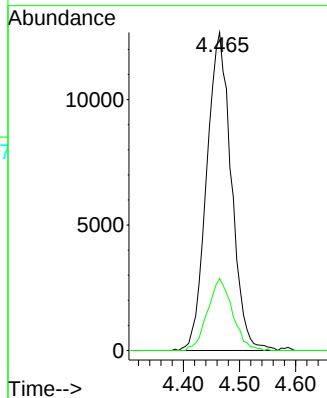
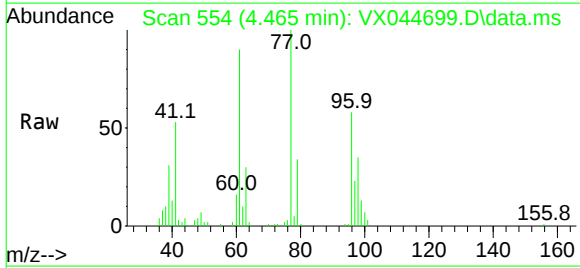
97 22.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#32

1,1,1-Trichloroethane

Concen: 19.044 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

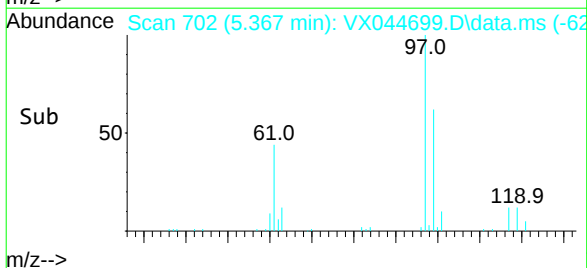
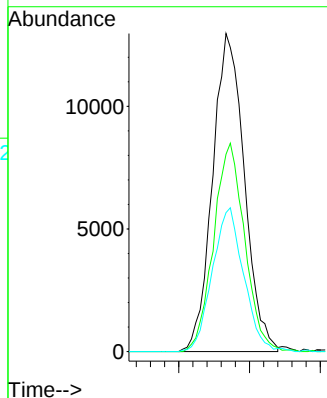
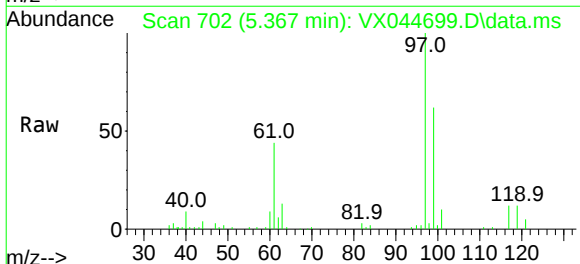
Tgt Ion: 97 Resp: 40470

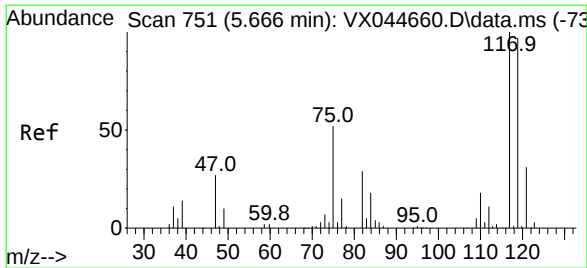
Ion Ratio Lower Upper

97 100

99 63.8 50.5 75.7

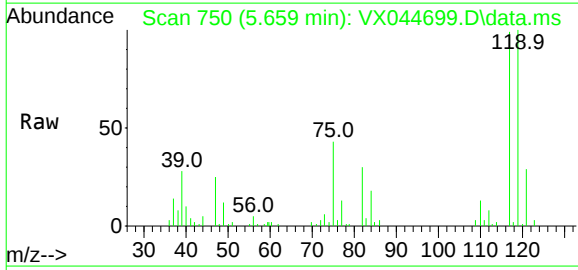
61 44.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.144 ug/l
RT: 5.659 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

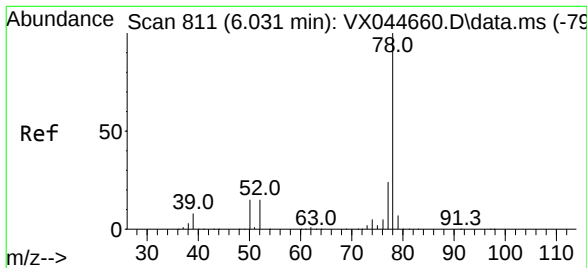
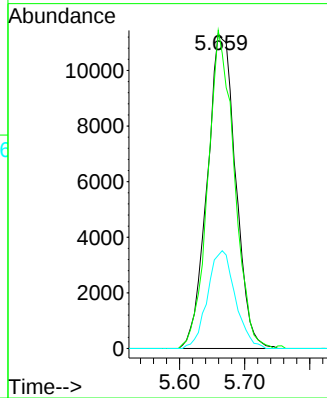
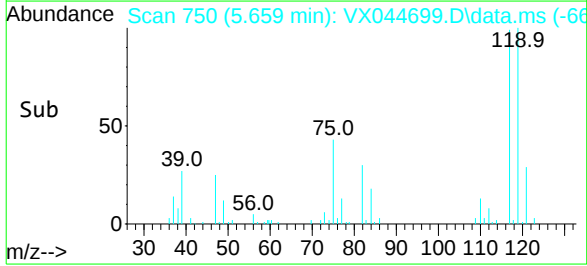
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



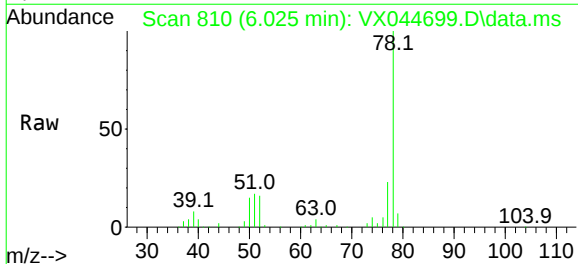
Tgt Ion: 117 Resp: 34318
Ion Ratio Lower Upper
117 100
119 101.1 77.3 115.9
121 29.6 24.6 37.0

Manual Integrations
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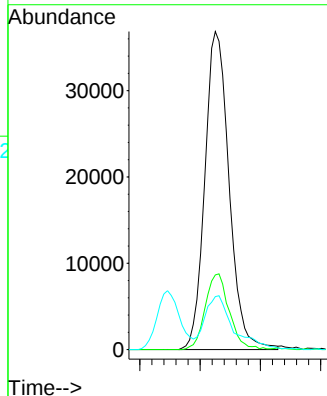
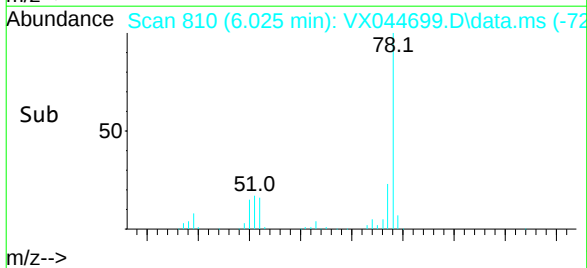
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

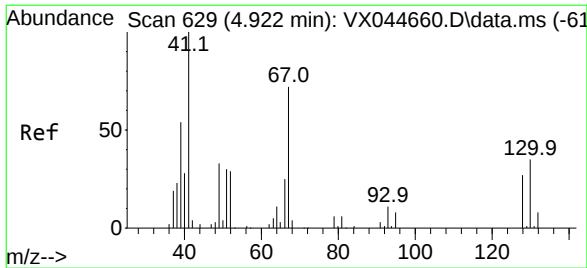


#34
Benzene
Concen: 20.160 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21



Tgt Ion: 78 Resp: 103137
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 16.1 12.7 19.1





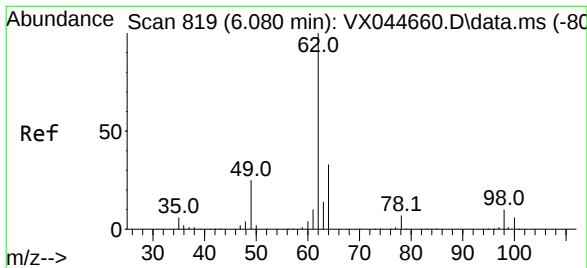
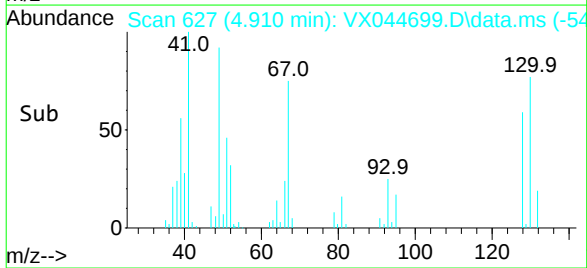
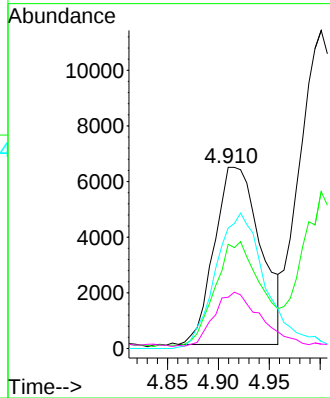
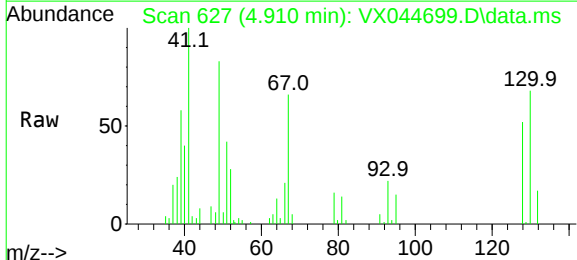
#35
Methacrylonitrile
Concen: 20.580 ug/l
RT: 4.910 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 20261
Ion Ratio Lower Upper
41 100
39 57.2 27.1 81.3
67 67.1 35.8 107.4
52 27.2 14.4 43.2

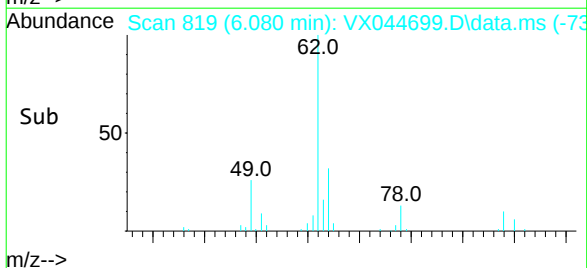
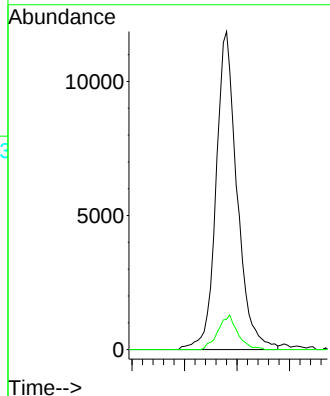
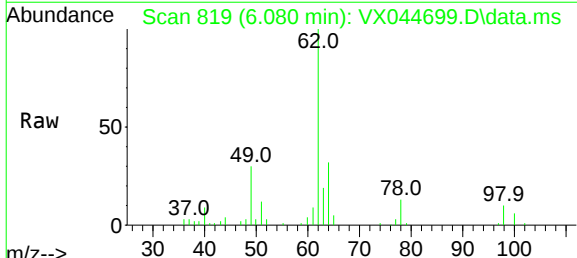
Manual Integrations
APPROVED

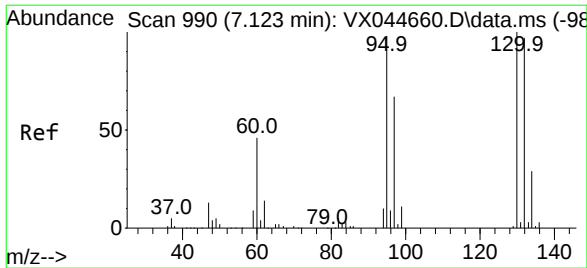
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#36
1,2-Dichloroethane
Concen: 18.071 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

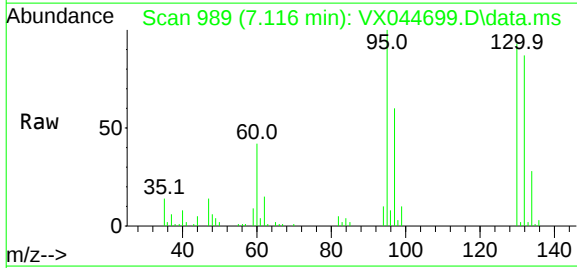
Tgt Ion: 62 Resp: 33054
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2





#37
Trichloroethene
Concen: 18.433 ug/l
RT: 7.116 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

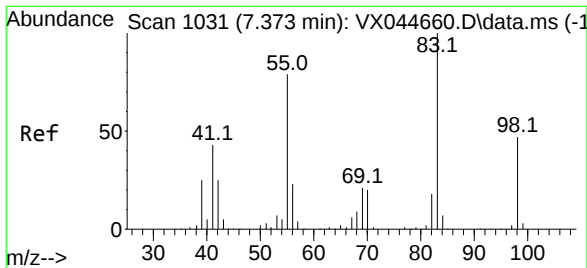
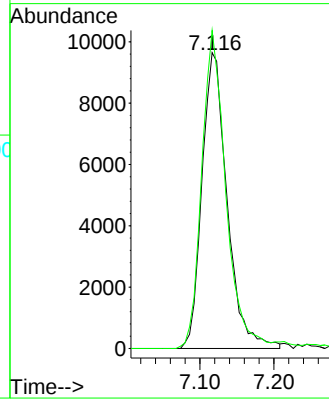
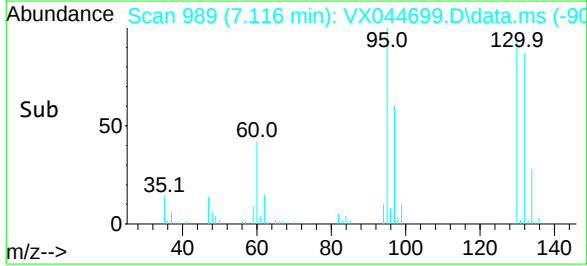
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 22769
Ion Ratio Lower Upper
130 100
95 106.7 78.2 117.4

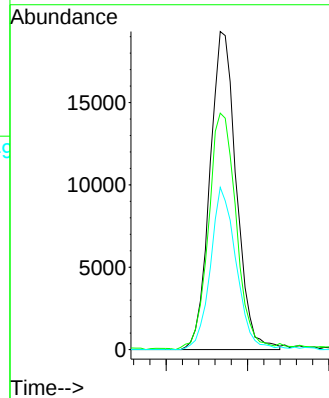
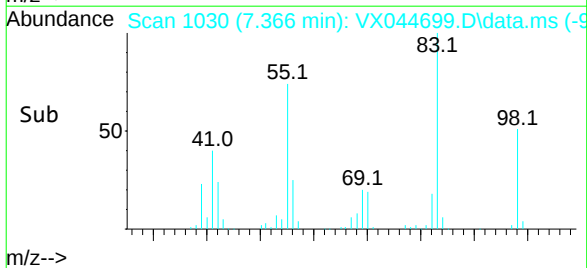
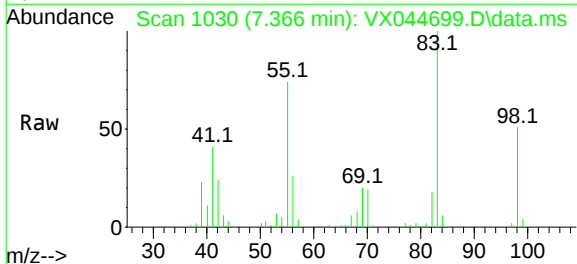
Manual Integrations
APPROVED

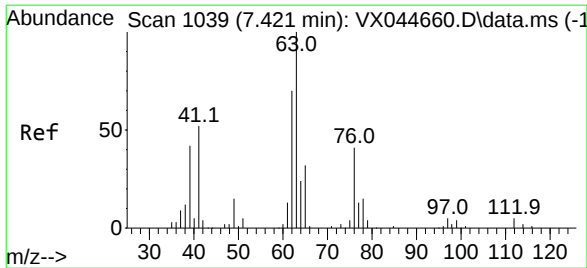
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#38
Methylcyclohexane
Concen: 19.980 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 83 Resp: 43531
Ion Ratio Lower Upper
83 100
55 77.8 38.4 115.2
98 49.5 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.914 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 25405

Ion Ratio Lower Upper

63 100

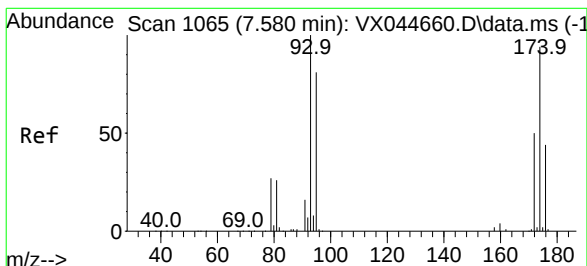
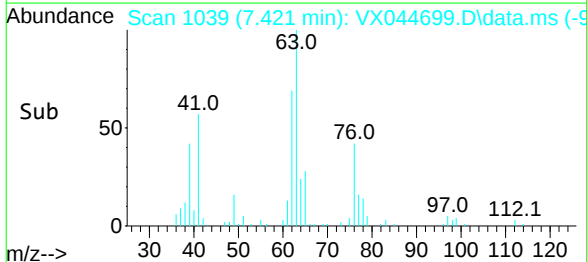
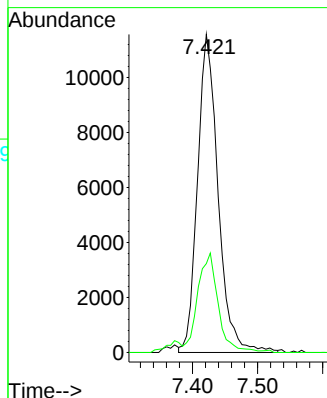
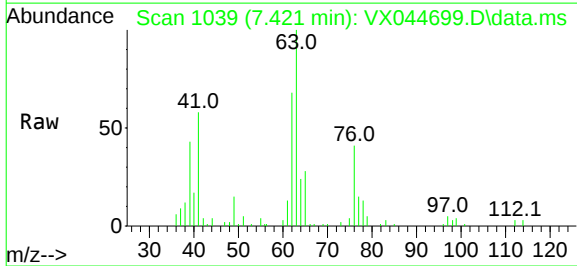
65 28.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#40

Dibromomethane

Concen: 18.470 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

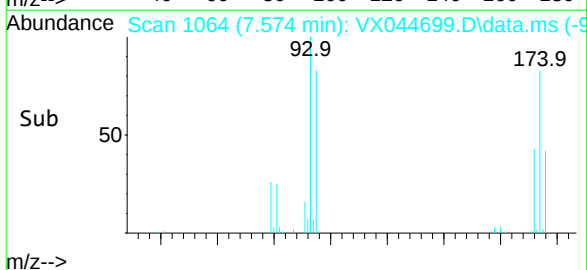
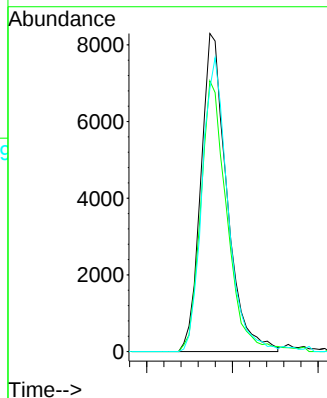
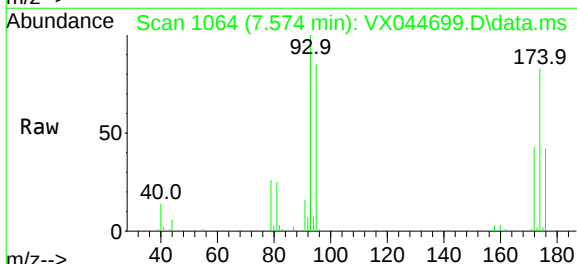
Tgt Ion: 93 Resp: 17518

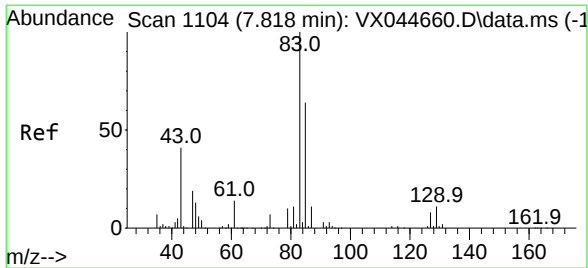
Ion Ratio Lower Upper

93 100

95 85.5 0.0 167.0

174 91.1 0.0 182.0





#41
Bromodichloromethane
Concen: 18.480 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

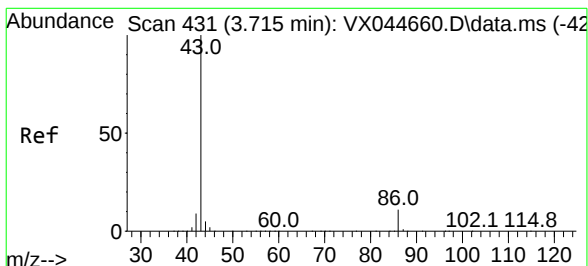
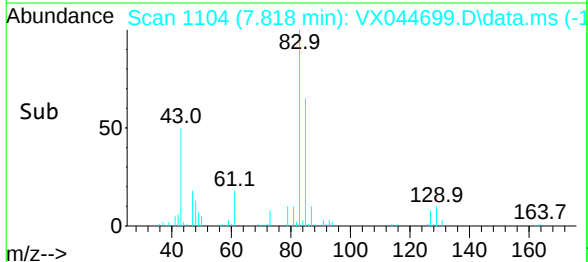
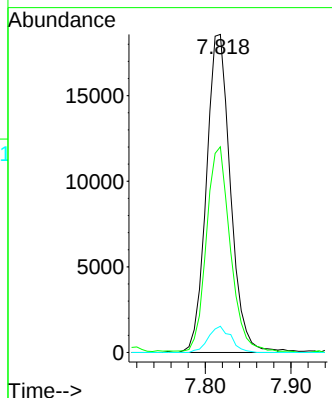
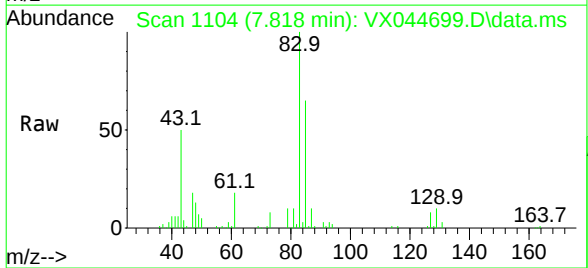
ClientSampleId :

VSTDCCC020

Tgt Ion:	83	Resp:	36191
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3
127	8.2	6.5	9.7

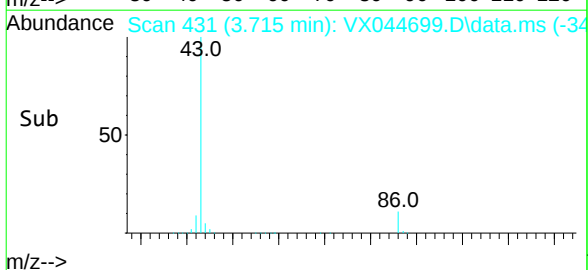
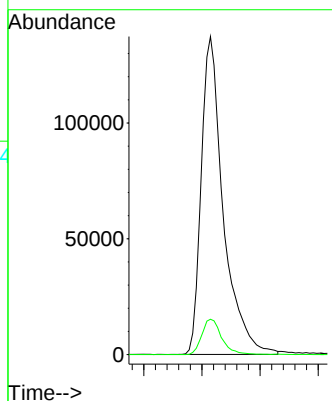
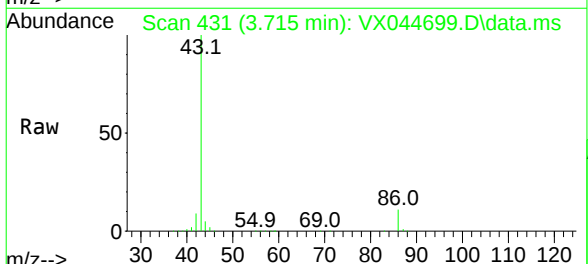
Manual Integrations
APPROVED

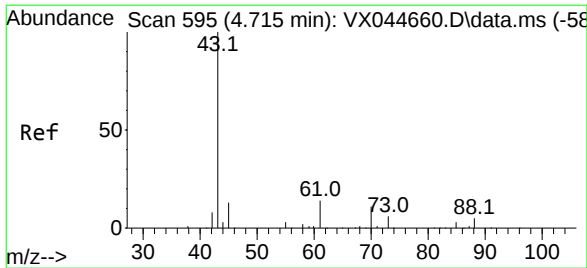
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#42
Vinyl Acetate
Concen: 103.438 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:	43	Resp:	361851
Ion	Ratio	Lower	Upper
43	100		
86	10.0	8.0	12.0





#43

Ethyl Acetate

Concen: 22.719 ug/l

RT: 4.708 min Scan# 59

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 39257

Ion Ratio Lower Upper

43 100

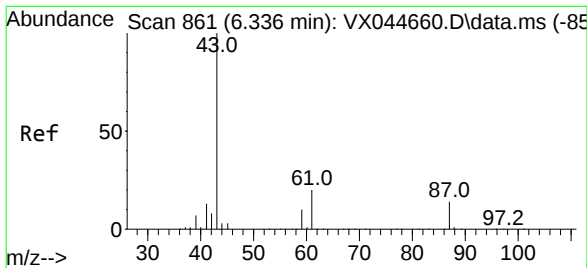
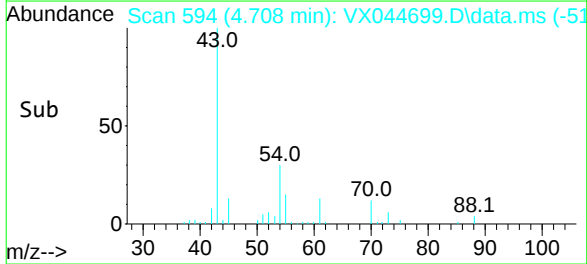
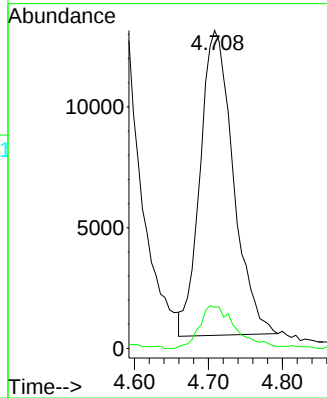
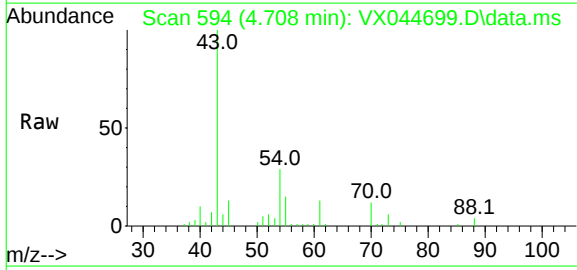
45 14.7 0.1 0.1#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#44

Isopropyl Acetate

Concen: 20.266 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX044699.D

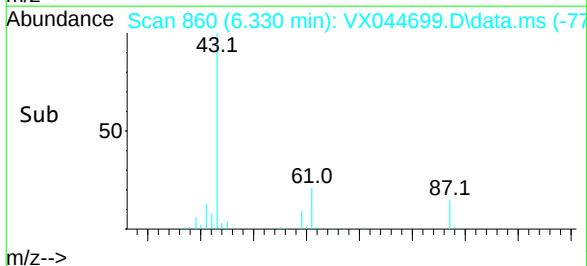
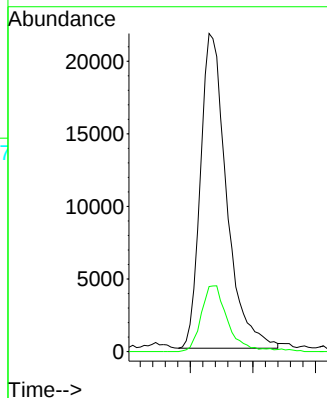
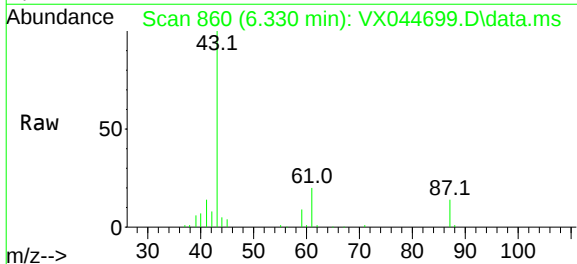
Acq: 23 Jan 2025 08:21

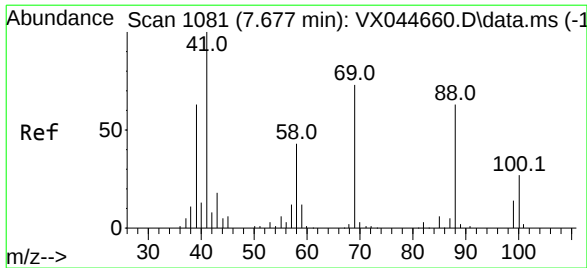
Tgt Ion: 43 Resp: 62910

Ion Ratio Lower Upper

43 100

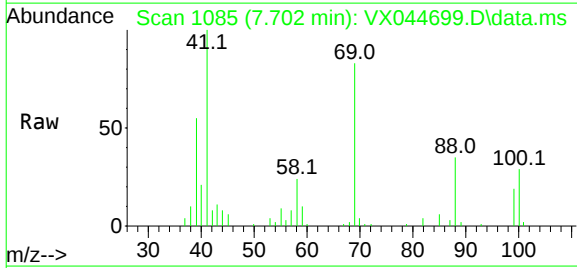
61 20.7 16.2 24.4





#45
1,4-Dioxane
Concen: 499.569 ug/l m
RT: 7.702 min Scan# 1085
Delta R.T. 0.024 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

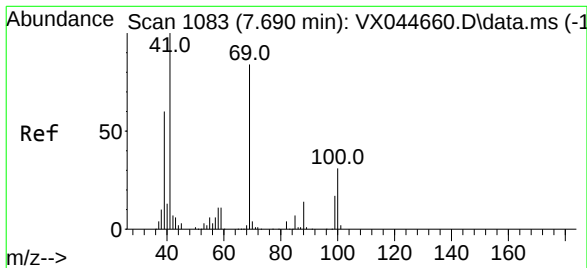
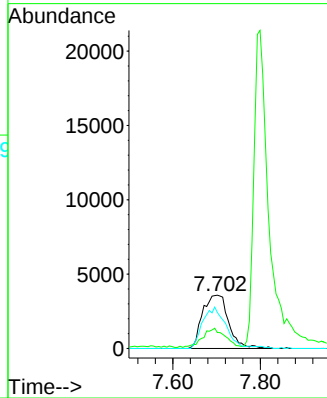
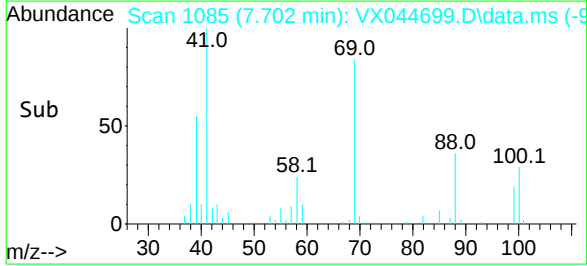
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 14767
Ion Ratio Lower Upper
88 100
43 17.3 25.9 38.9#
58 68.7 58.9 88.3

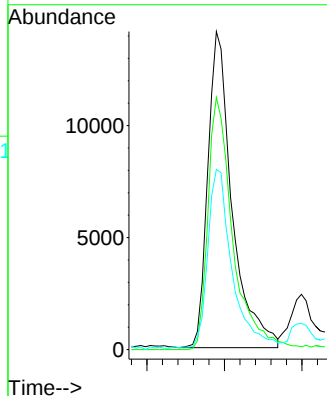
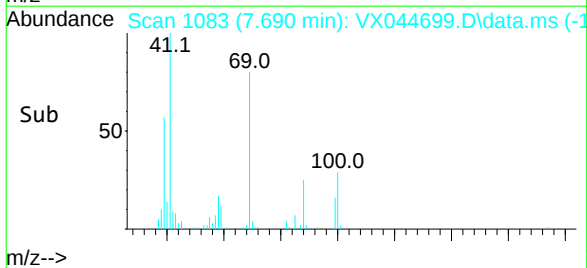
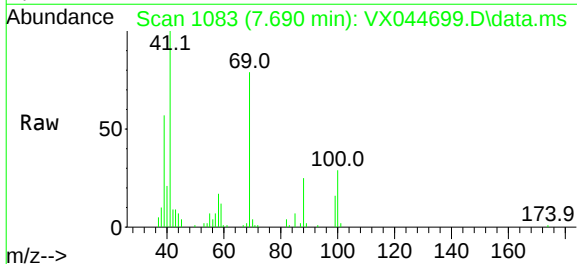
Manual Integrations
APPROVED

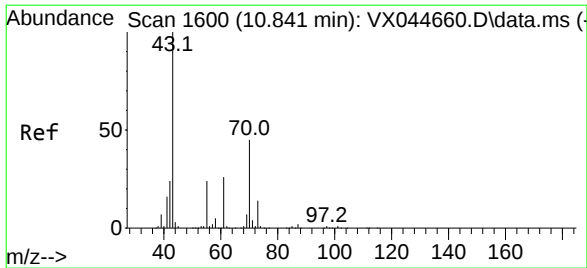
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#46
Methyl methacrylate
Concen: 20.240 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 41 Resp: 30754
Ion Ratio Lower Upper
41 100
69 79.7 41.9 125.7
39 56.4 30.1 90.3





#47

n-amy1 Acetate

Concen: 19.016 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 49540

Ion Ratio Lower Upper

43 100

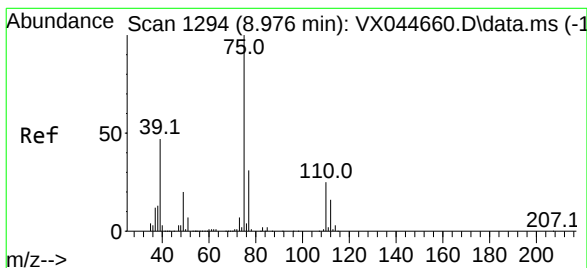
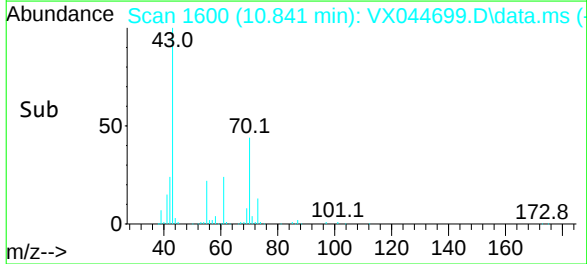
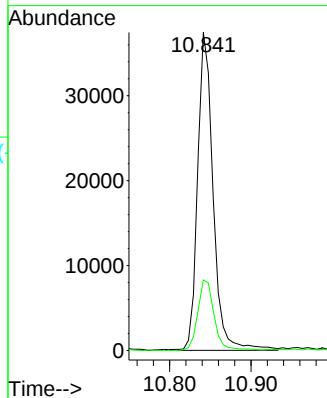
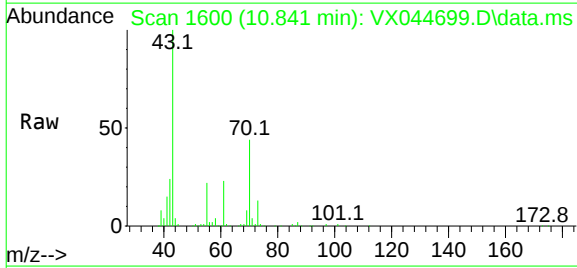
55 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#48

t-1,3-Dichloropropene

Concen: 16.576 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044699.D

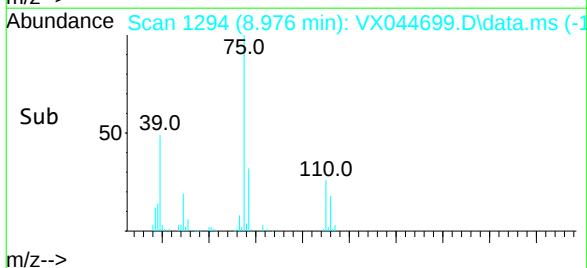
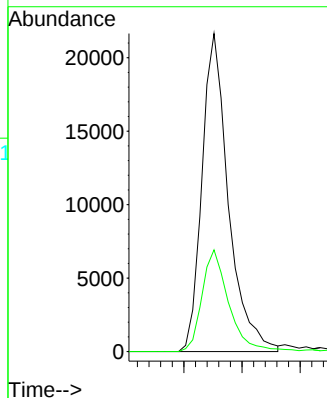
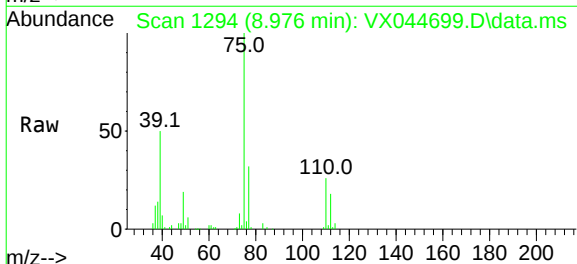
Acq: 23 Jan 2025 08:21

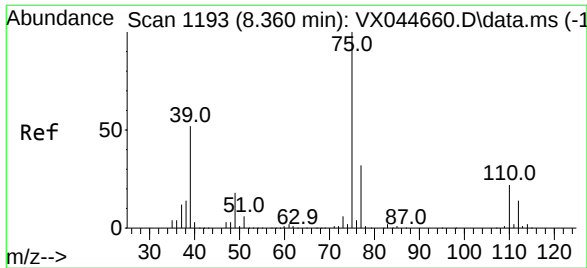
Tgt Ion: 75 Resp: 34265

Ion Ratio Lower Upper

75 100

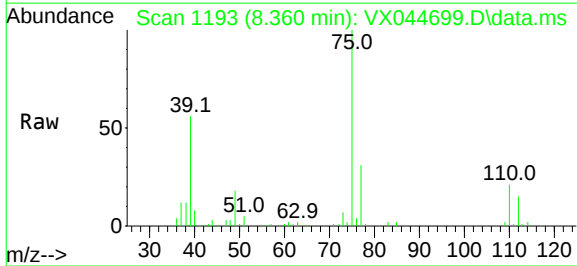
77 32.0 24.8 37.2





#49
cis-1,3-Dichloropropene
Concen: 17.945 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

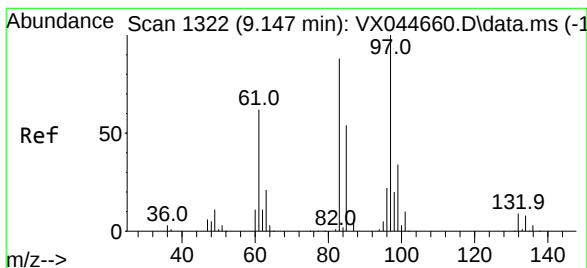
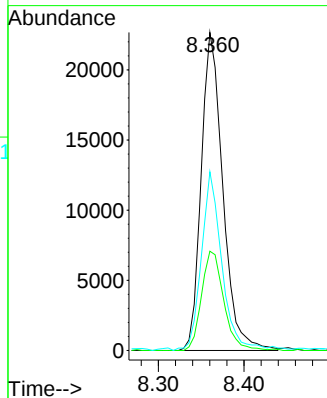
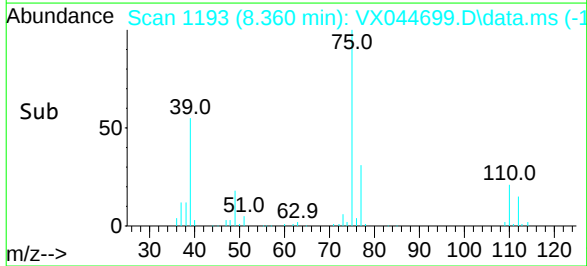
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 39775
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 55.4 41.4 62.0

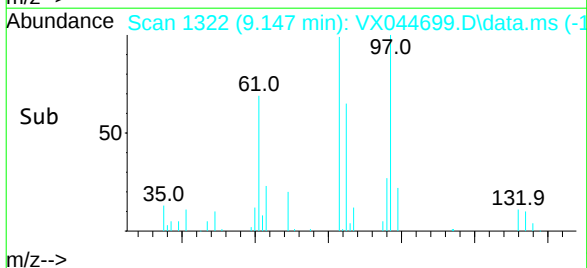
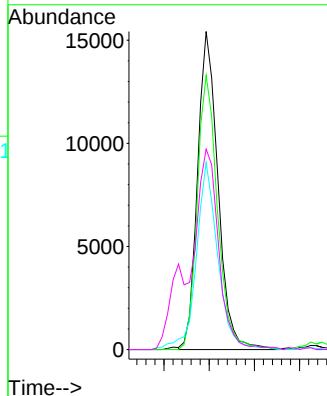
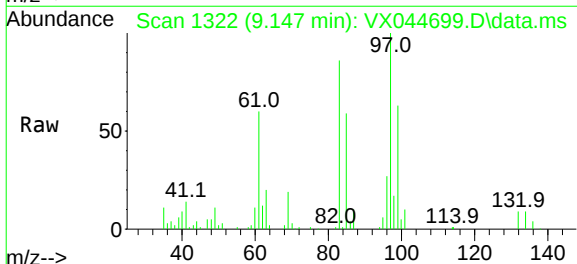
Manual Integrations
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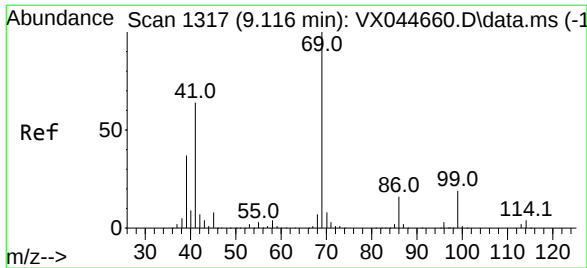
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#50
1,1,2-Trichloroethane
Concen: 19.815 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 97 Resp: 24205
Ion Ratio Lower Upper
97 100
83 86.2 69.2 103.8
85 58.8 44.8 67.2
99 62.5 52.1 78.1





#51

Ethyl methacrylate

Concen: 19.027 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

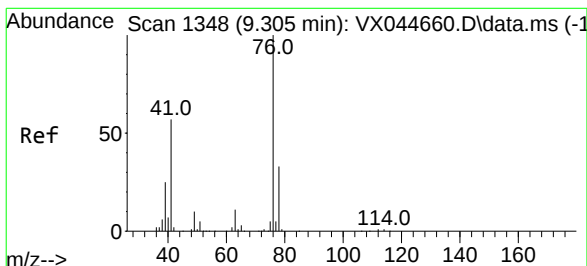
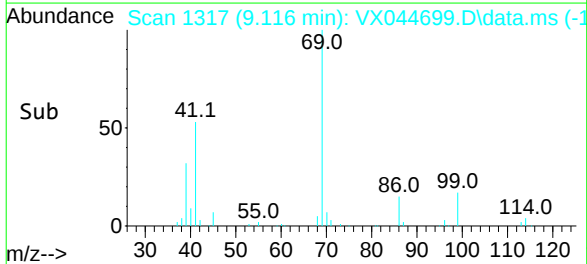
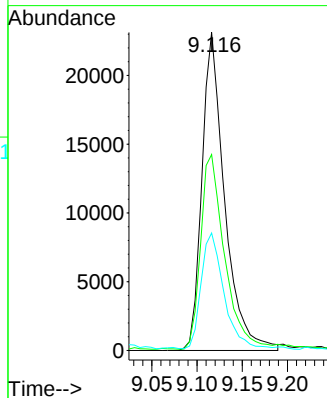
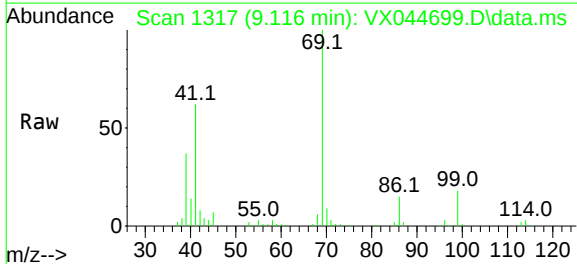
VSTDCCC020

Tgt Ion:	69	Resp:	40375
Ion	Ratio	Lower	Upper
69	100		
41	61.2	32.0	96.0
39	36.3	18.6	55.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#52

1,3-Dichloropropane

Concen: 19.283 ug/l

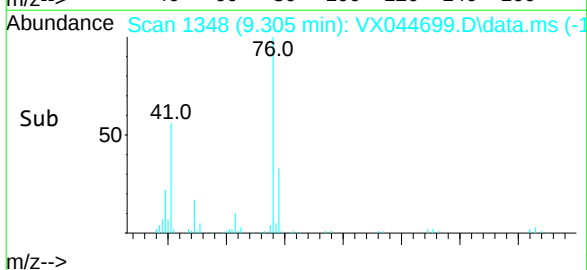
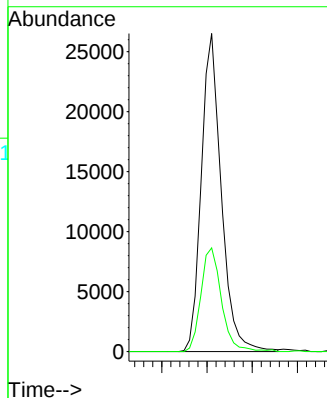
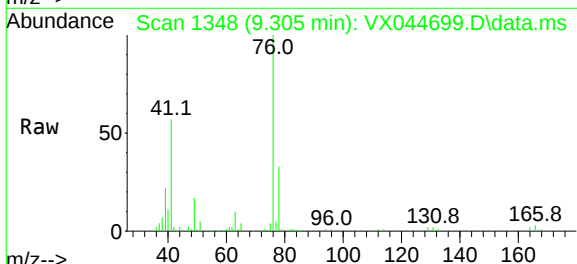
RT: 9.305 min Scan# 1348

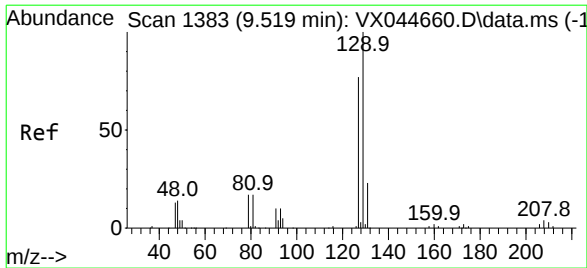
Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion:	76	Resp:	40739
Ion	Ratio	Lower	Upper
76	100		
78	33.4	0.0	64.0





#53

Dibromochloromethane

Concen: 18.396 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 26851

Ion Ratio Lower Upper

129 100

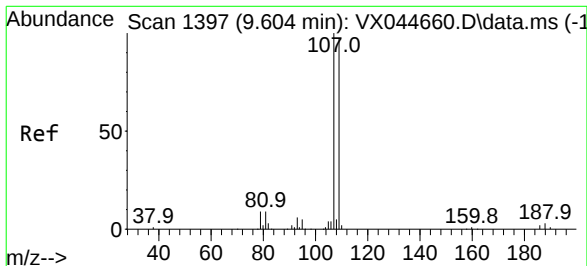
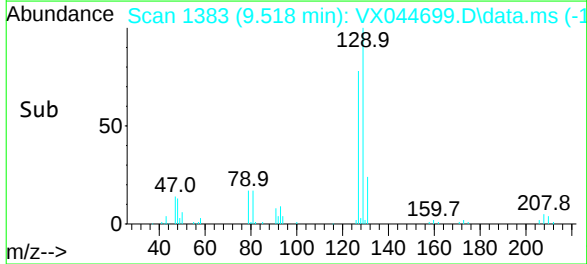
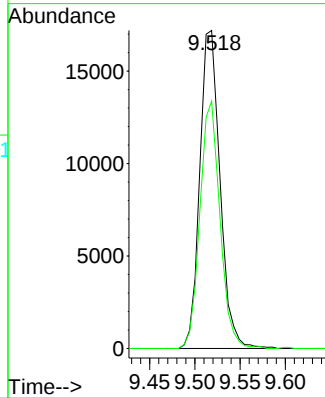
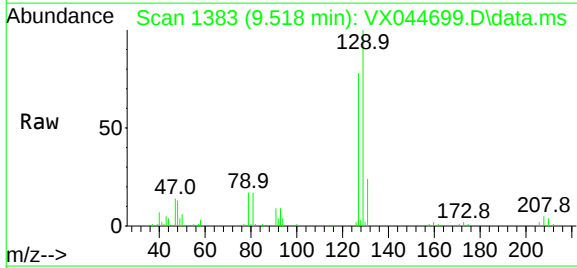
127 76.6 37.8 113.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#54

1,2-Dibromoethane

Concen: 18.953 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX044699.D

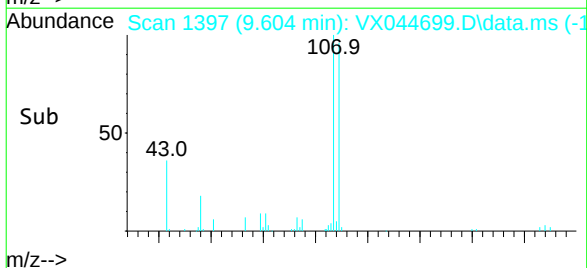
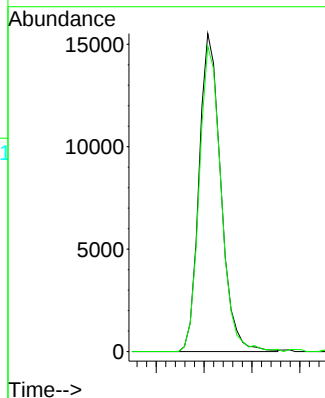
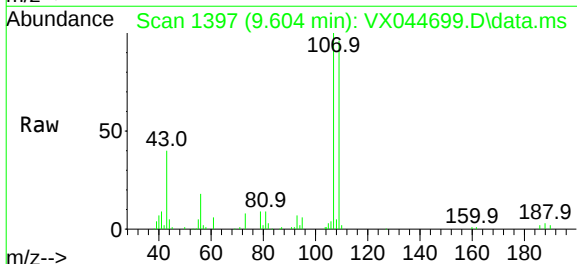
Acq: 23 Jan 2025 08:21

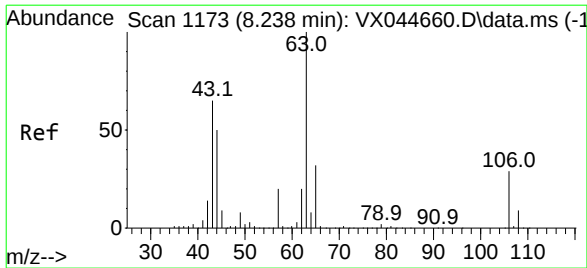
Tgt Ion:107 Resp: 24474

Ion Ratio Lower Upper

107 100

109 96.4 75.5 113.3





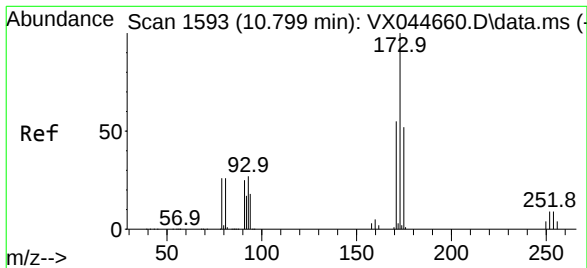
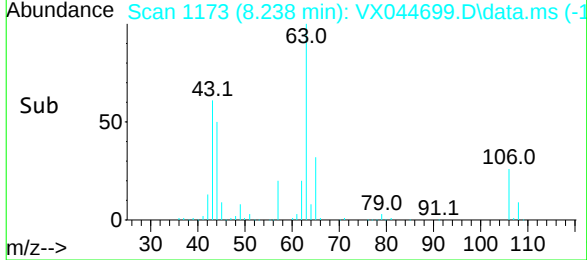
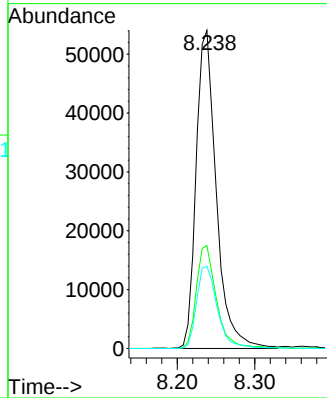
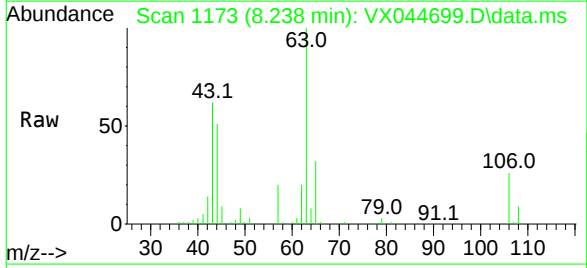
#55
2-Chloroethyl vinyl ether
Concen: 94.930 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 97741
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 26.5 23.1 34.7

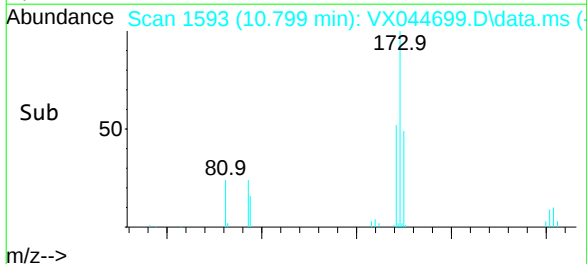
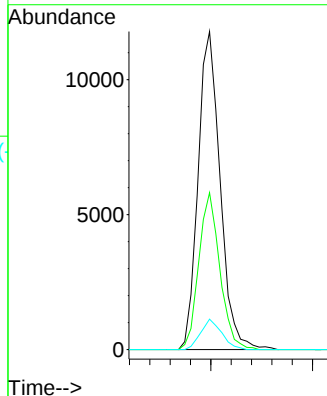
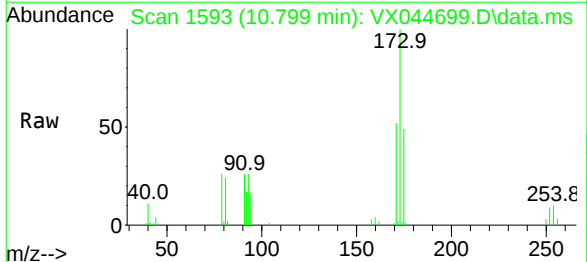
Manual Integrations
APPROVED

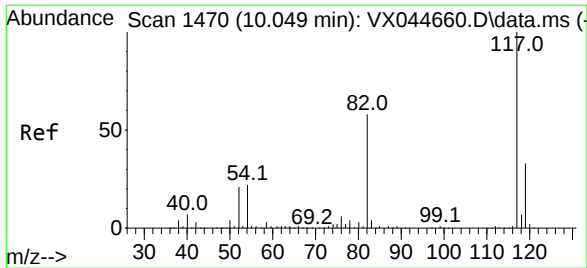
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#56
Bromoform
Concen: 18.348 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:173 Resp: 17759
Ion Ratio Lower Upper
173 100
175 47.0 39.0 58.6
254 9.1 6.5 9.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

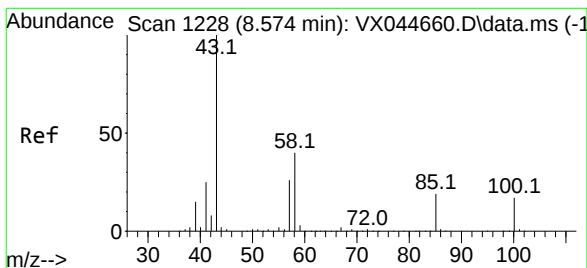
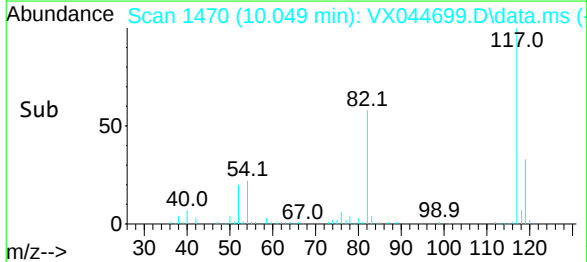
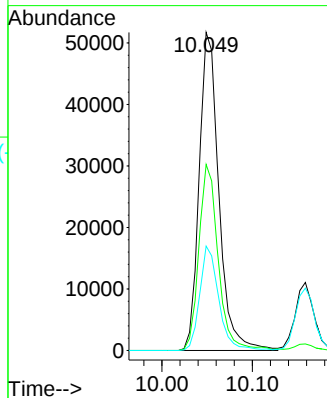
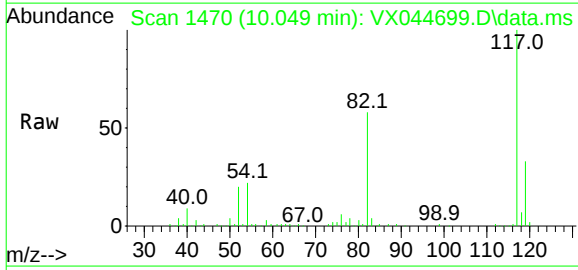
VSTDCCC020

Tgt Ion:	117	Resp:	78268
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.8	68.6
119	31.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#58

4-Methyl-2-Pentanone

Concen: 116.815 ug/l

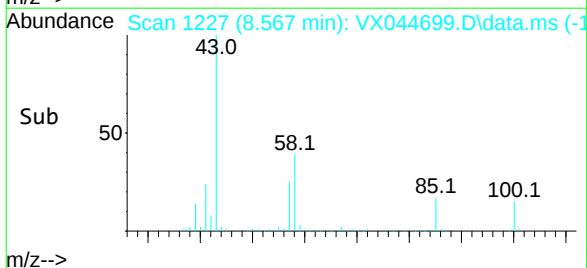
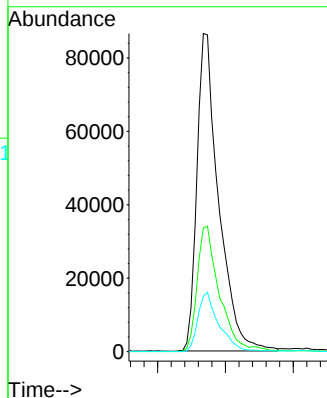
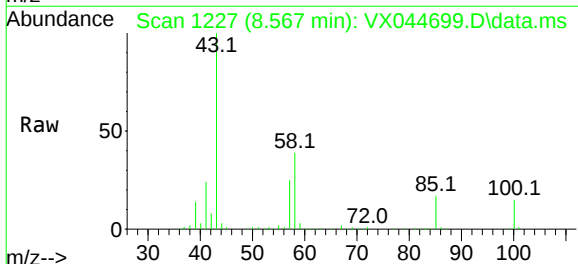
RT: 8.567 min Scan# 1227

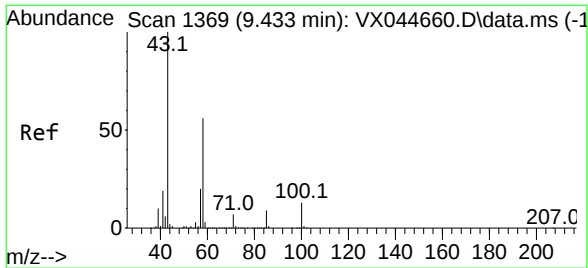
Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion:	43	Resp:	192718
Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.7	47.5
85	17.8	15.0	22.6





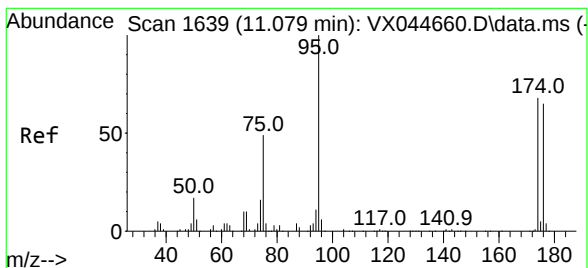
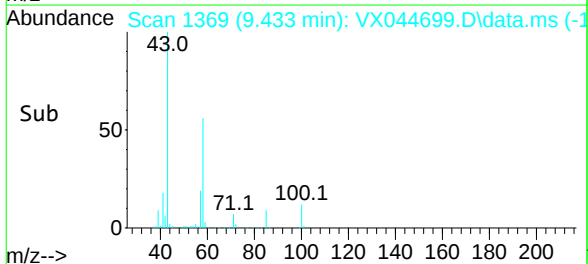
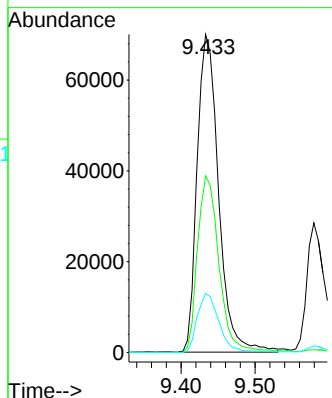
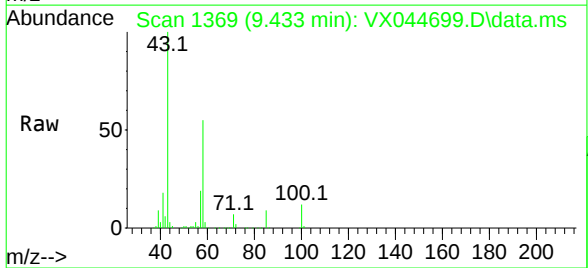
#59
2-Hexanone
Concen: 116.616 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument : MSVOA_X
ClientSampleId : VSTDCCC020

Tgt Ion: 43	Resp: 140850
Ion Ratio	Lower Upper
43 100	
58 55.6	44.4 66.6
57 19.0	15.5 23.3

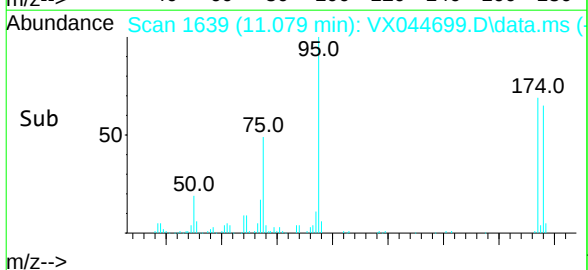
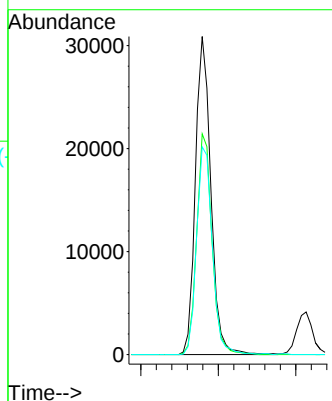
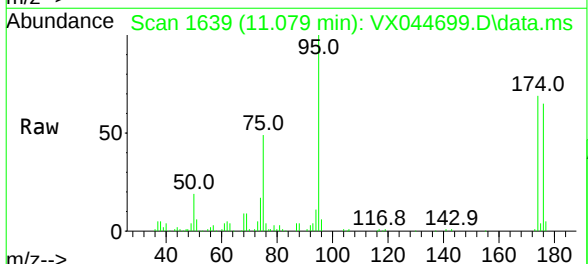
Manual Integrations
APPROVED

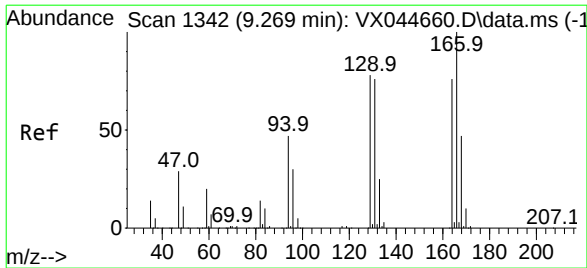
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#60
4-Bromofluorobenzene
Concen: 28.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

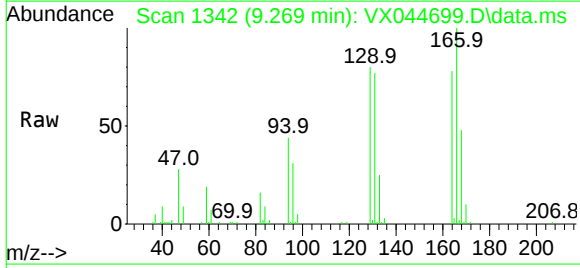
Tgt Ion: 95	Resp: 42743
Ion Ratio	Lower Upper
95 100	
174 68.6	54.6 81.8
176 66.6	52.8 79.2





#61
Tetrachloroethene
Concen: 18.844 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

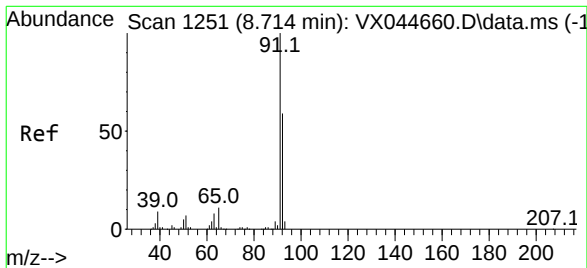
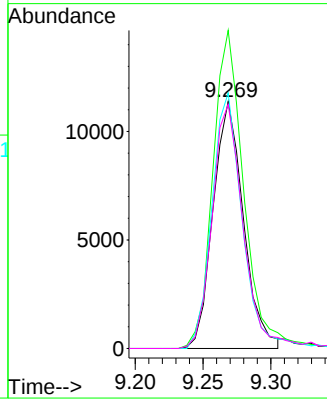
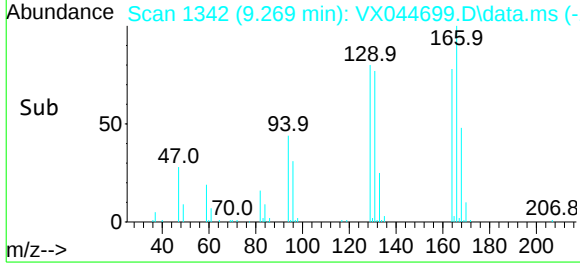
Instrument : MSVOA_X
ClientSampleId : VSTDCCC020



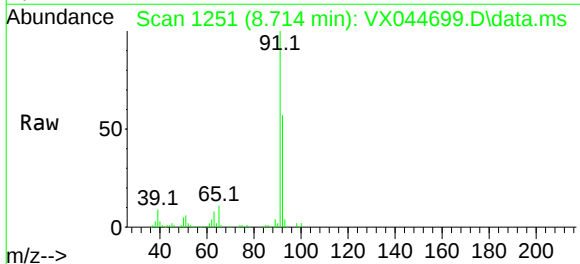
Tgt Ion: 164 Resp: 17692
Ion Ratio Lower Upper
164 100
166 128.8 105.6 158.4
129 103.4 82.8 124.2
131 98.8 80.2 120.4

Manual Integrations APPROVED

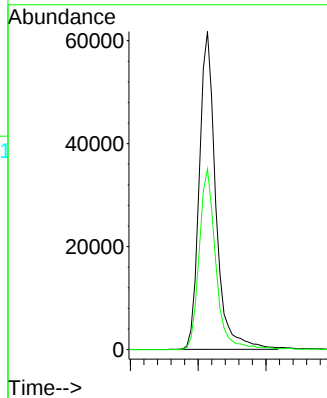
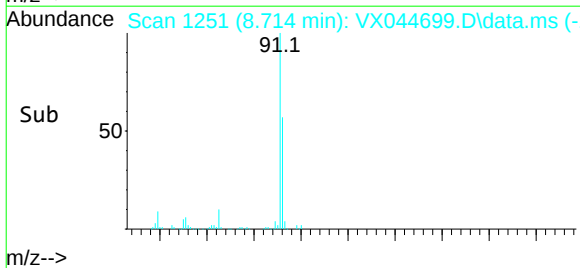
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025

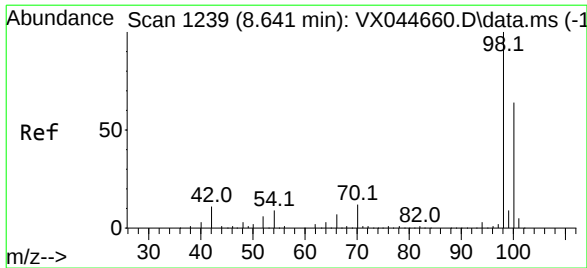


#62
Toluene
Concen: 20.251 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21



Tgt Ion: 91 Resp: 104366
Ion Ratio Lower Upper
91 100
92 57.2 47.3 70.9





#63

Toluene-d8

Concen: 31.687 ug/l

RT: 8.641 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 134896

Ion Ratio Lower Upper

98 100

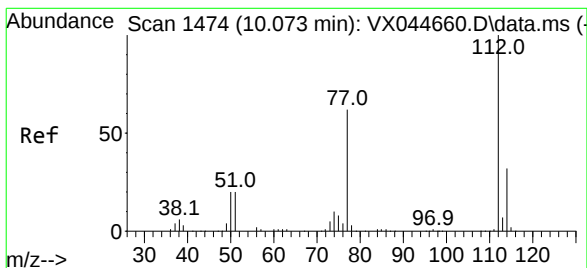
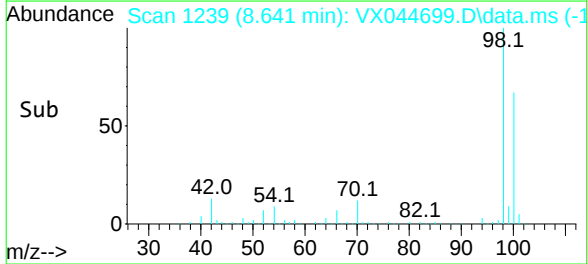
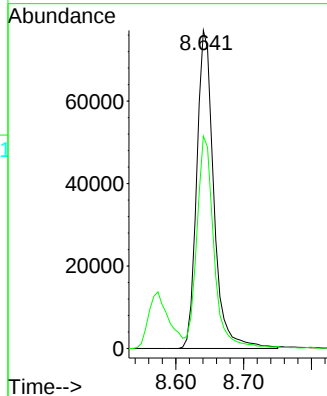
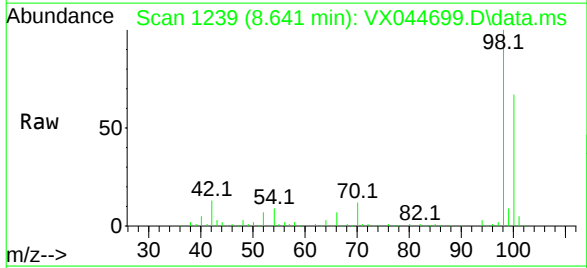
100 66.5 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#64

Chlorobenzene

Concen: 18.734 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX044699.D

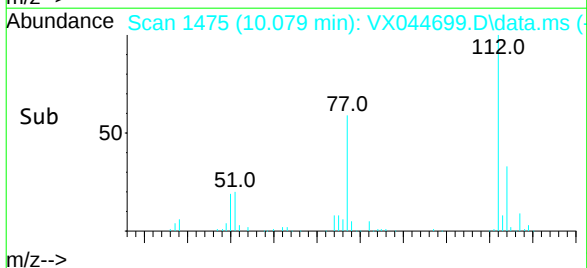
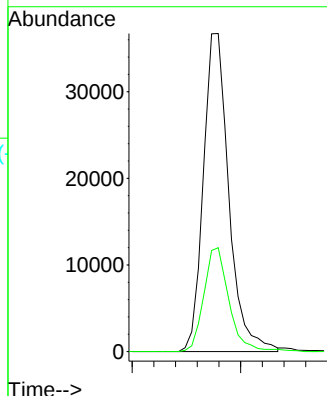
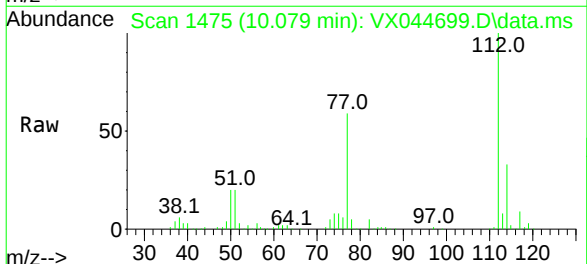
Acq: 23 Jan 2025 08:21

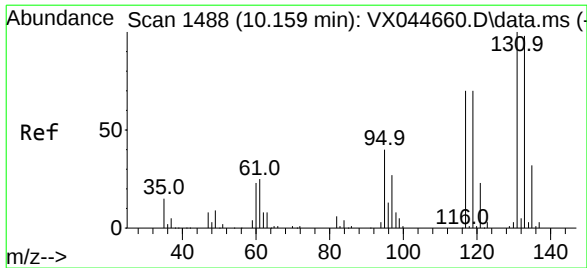
Tgt Ion:112 Resp: 59963

Ion Ratio Lower Upper

112 100

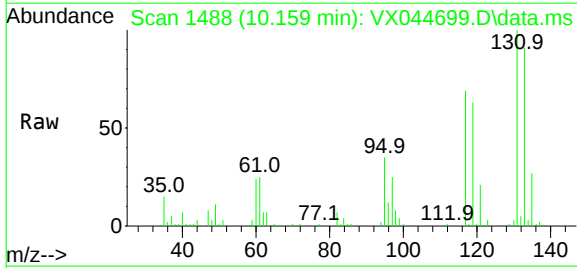
114 32.7 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 19.771 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

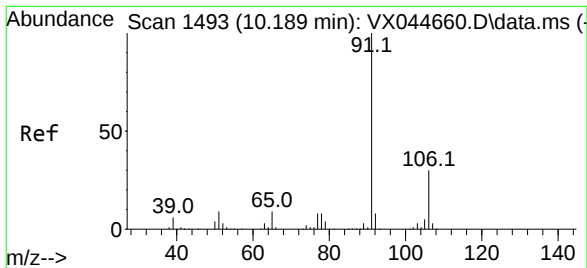
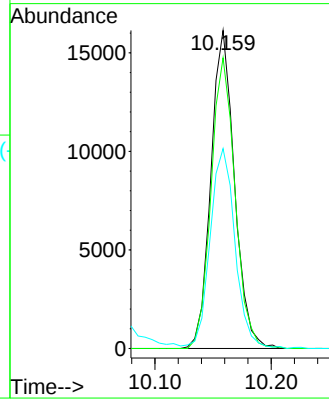
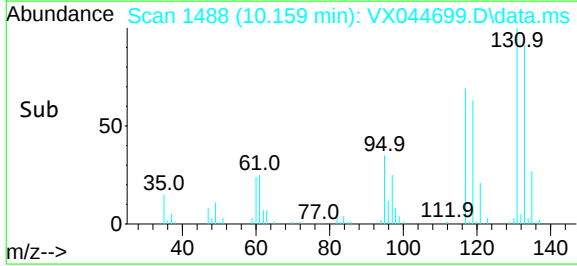
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 131 Resp: 22732
Ion Ratio Lower Upper
131 100
133 92.9 0.0 192.4
119 66.2 0.0 133.4

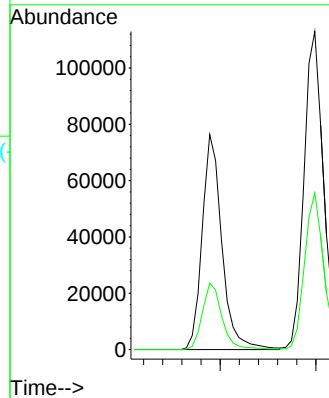
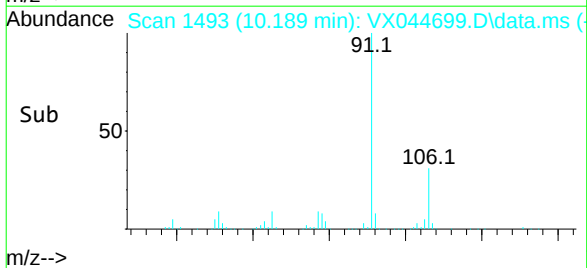
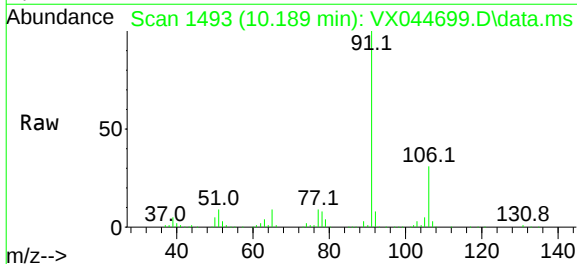
Manual Integrations
APPROVED

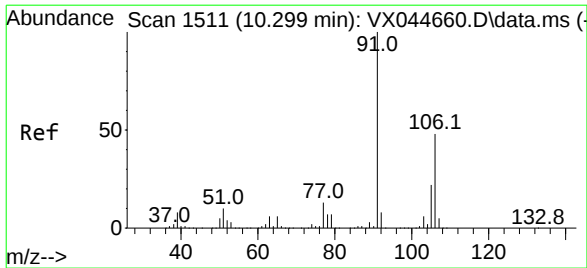
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#66
Ethyl Benzene
Concen: 19.445 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 91 Resp: 109367
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0





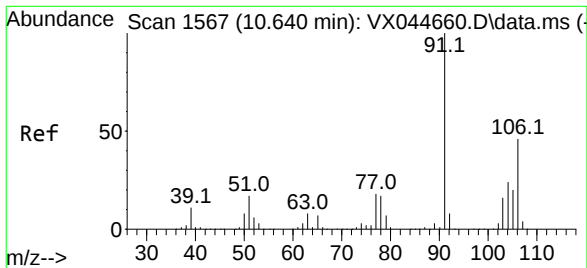
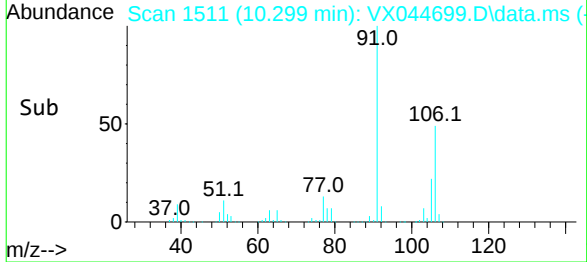
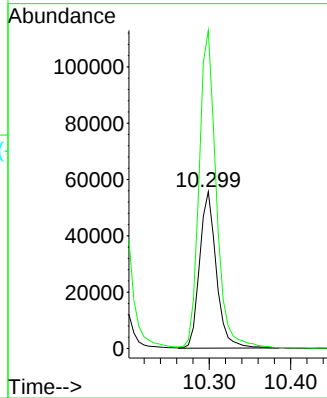
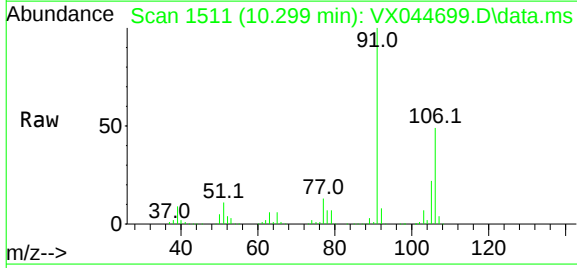
#67
m/p-Xylenes
Concen: 38.326 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 79236
Ion Ratio Lower Upper
106 100
91 207.3 166.8 250.2

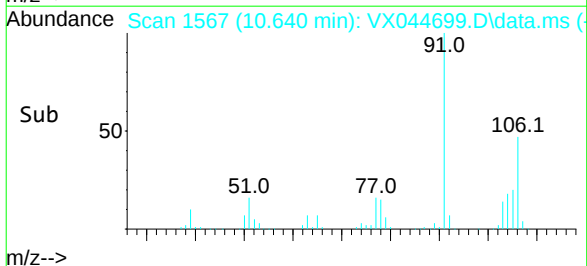
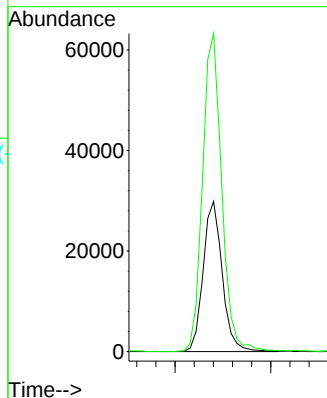
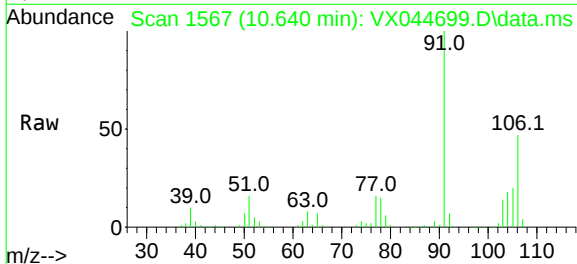
Manual Integrations
APPROVED

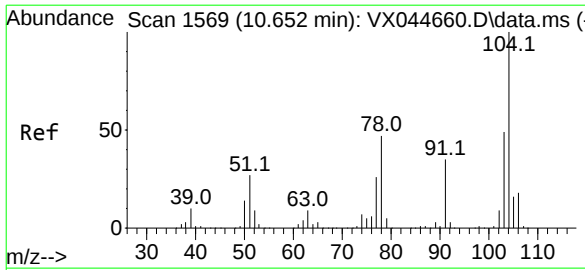
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#68
o-Xylene
Concen: 19.970 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:106 Resp: 41437
Ion Ratio Lower Upper
106 100
91 211.5 109.7 329.1





#69

Styrene

Concen: 18.554 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

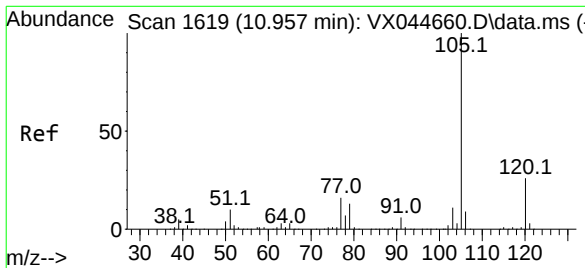
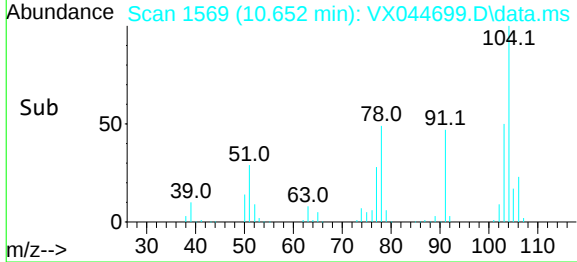
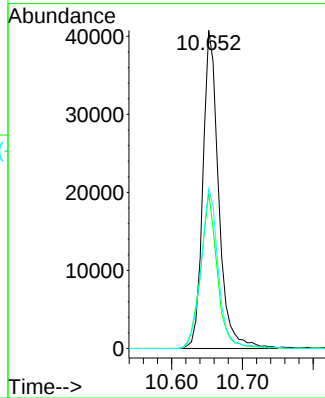
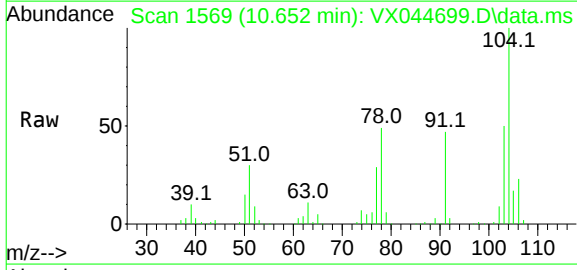
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	42.0	63.0
103	54.4	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#70

Isopropylbenzene

Concen: 19.407 ug/l

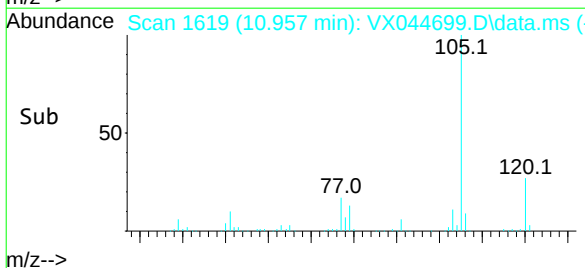
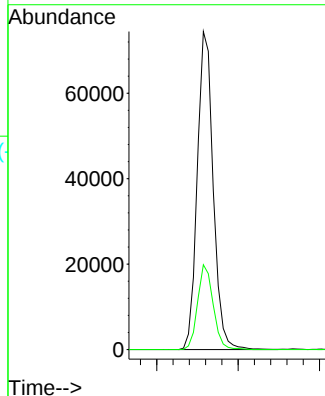
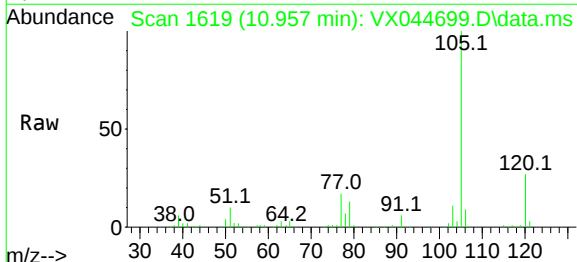
RT: 10.957 min Scan# 1619

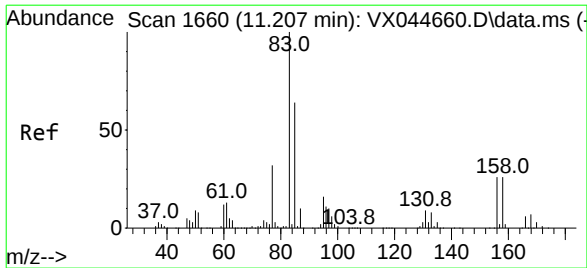
Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 21.459 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

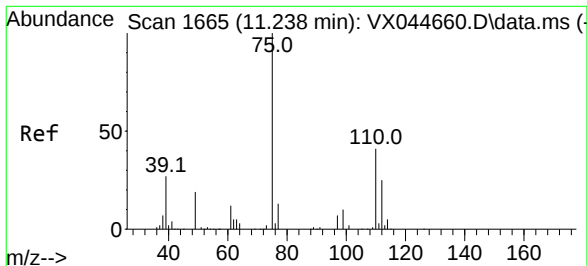
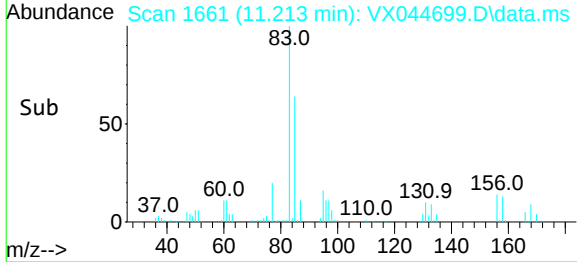
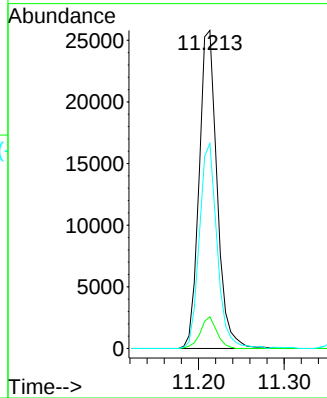
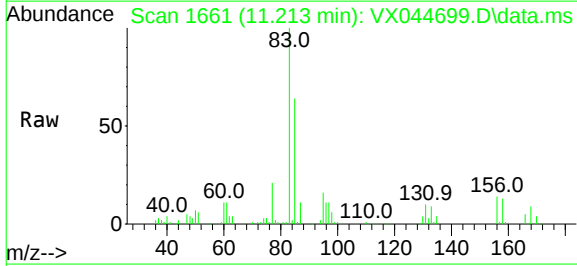
VSTDCCC020

Tgt Ion:	83	Resp:	37630
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	63.3	33.0	99.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#72

1,2,3-Trichloropropane

Concen: 24.115 ug/l m

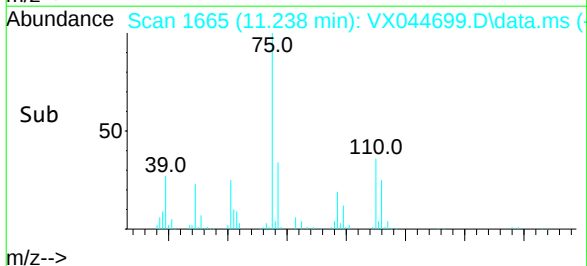
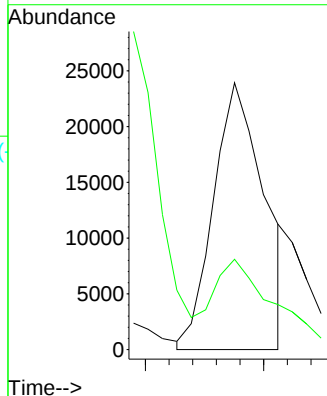
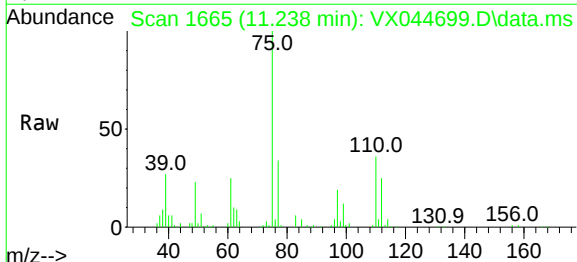
RT: 11.238 min Scan# 1665

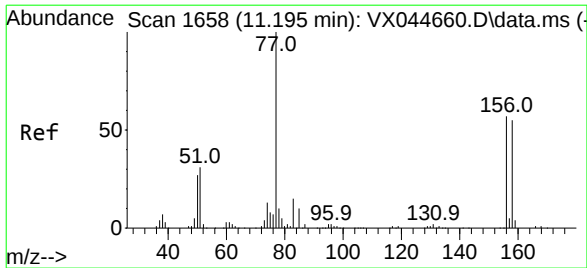
Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion:	75	Resp:	35576
Ion	Ratio	Lower	Upper
75	100		
77	41.7	0.0	83.0





#73

Bromobenzene

Concen: 17.731 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

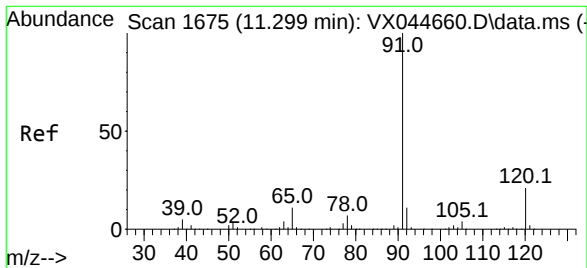
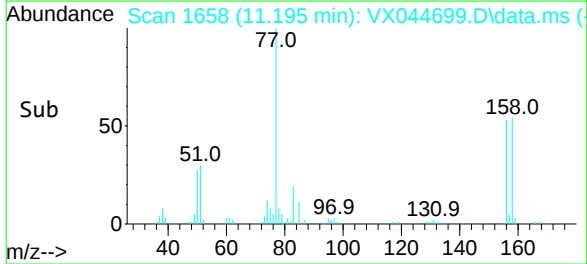
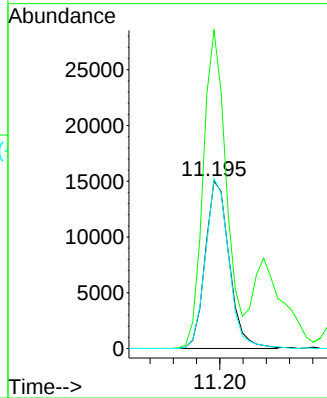
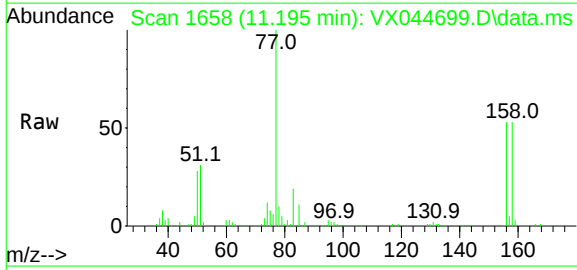
Tgt Ion:	156	Resp:	21546
Ion	Ratio	Lower	Upper
156	100		
77	182.3	0.0	354.6
158	98.7	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#74

n-propylbenzene

Concen: 18.182 ug/l

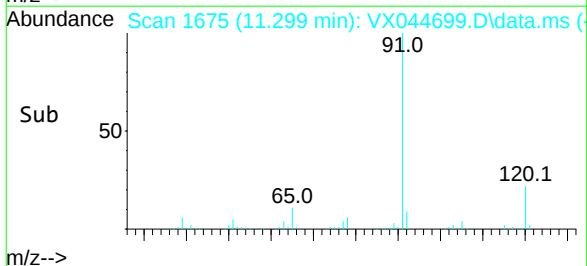
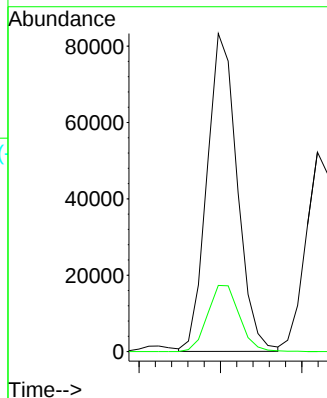
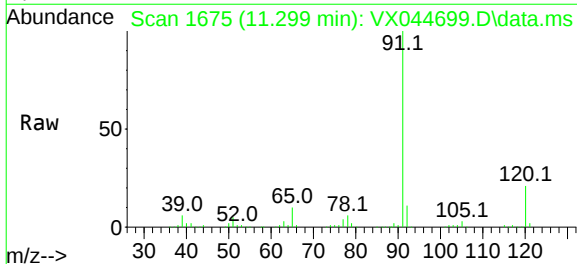
RT: 11.299 min Scan# 1675

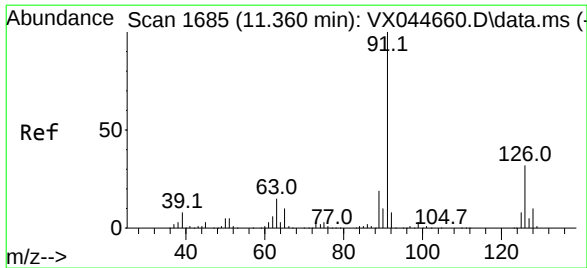
Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Tgt Ion:	91	Resp:	107726
Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	45.0





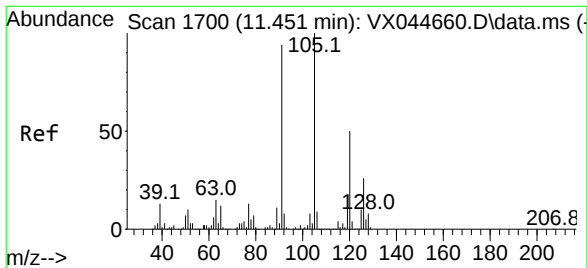
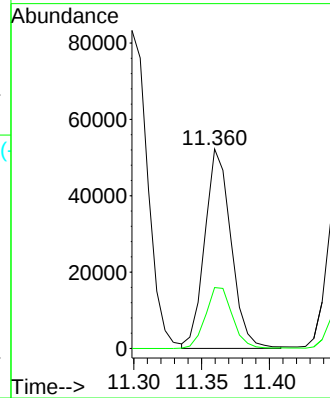
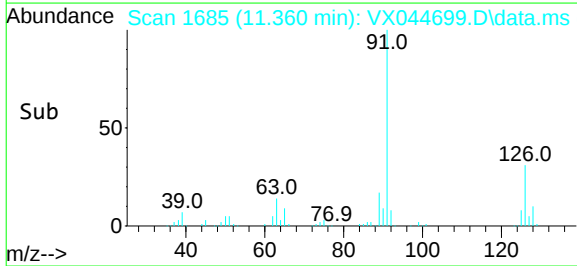
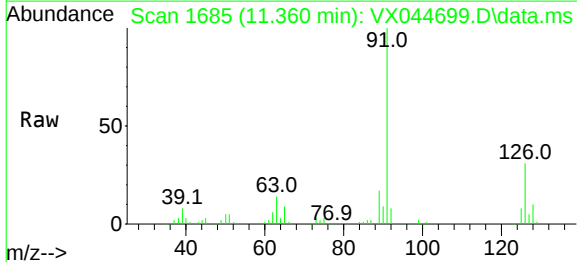
#75
2-Chlorotoluene
Concen: 18.945 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 70570
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.0

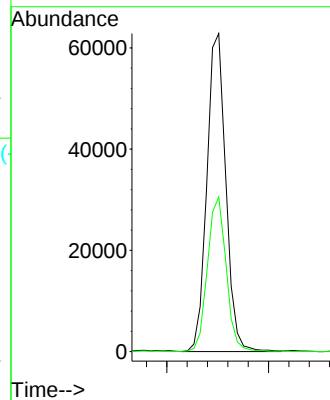
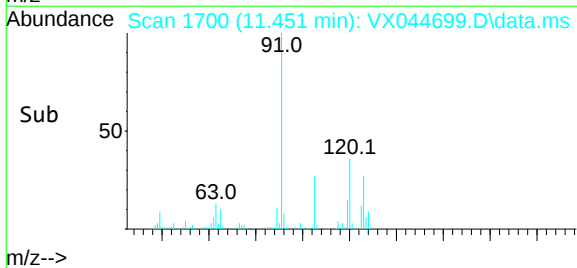
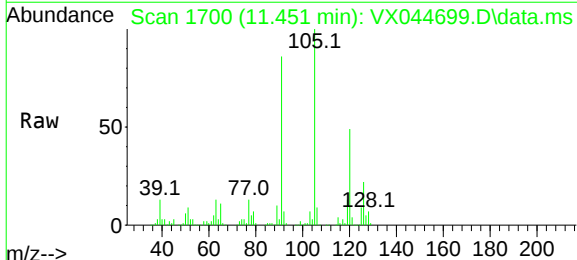
Manual Integrations
APPROVED

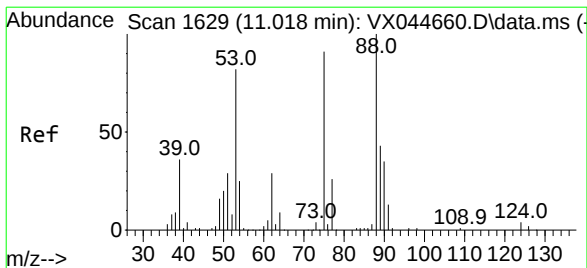
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.181 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

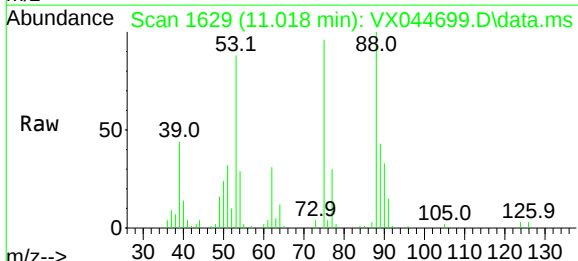
Tgt Ion:105 Resp: 81252
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.418 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

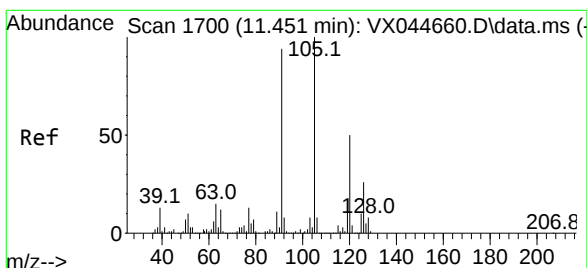
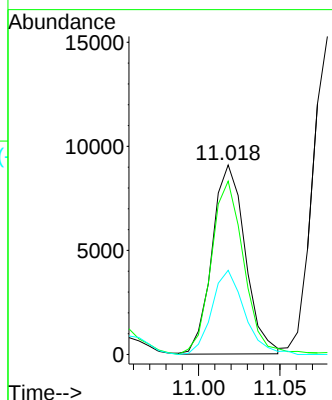
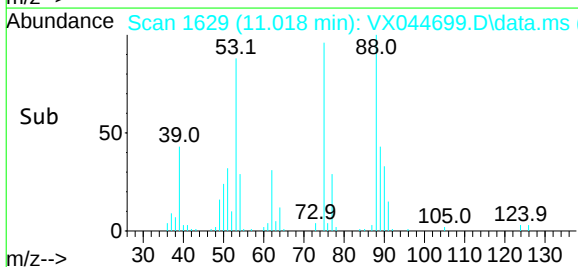
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 12855
Ion Ratio Lower Upper
75 100
53 92.1 45.3 135.9
89 44.7 23.8 71.2

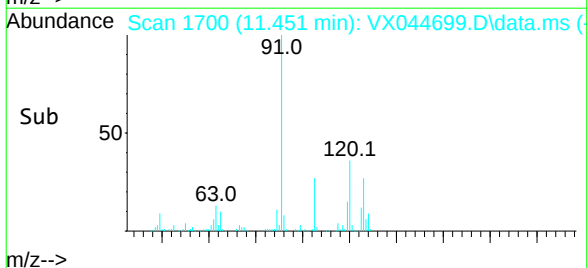
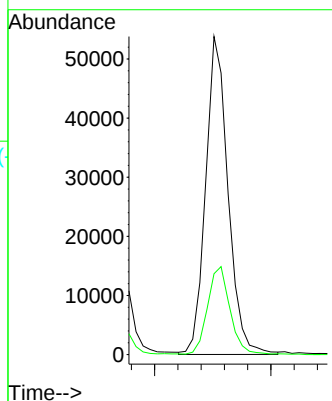
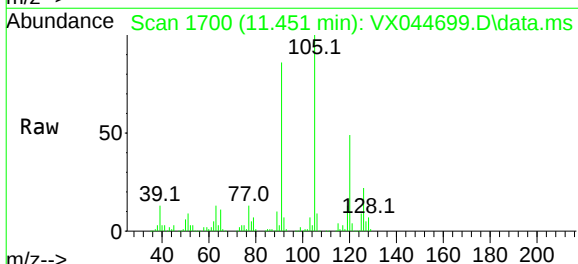
Manual Integrations
APPROVED

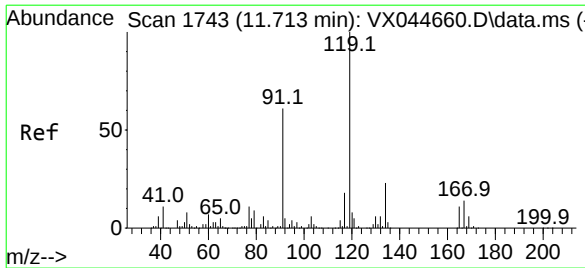
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#78
4-Chlorotoluene
Concen: 17.541 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion: 91 Resp: 71994
Ion Ratio Lower Upper
91 100
126 27.3 0.0 55.4





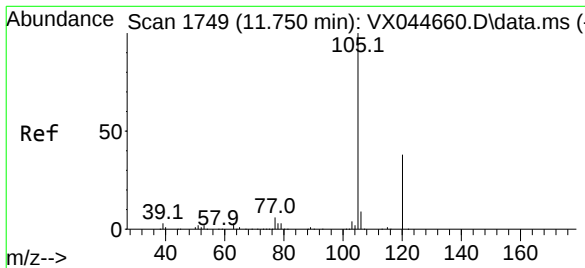
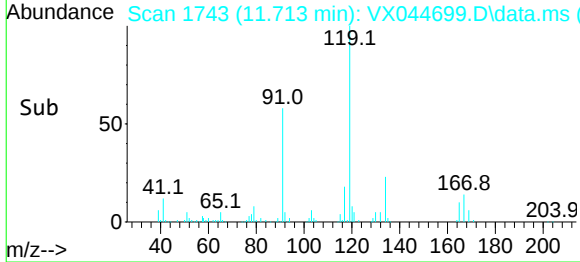
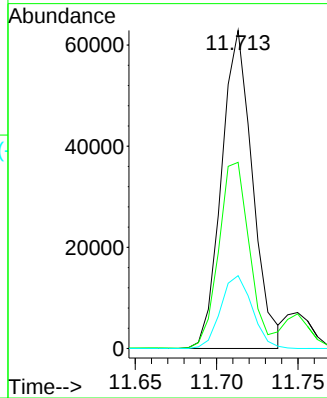
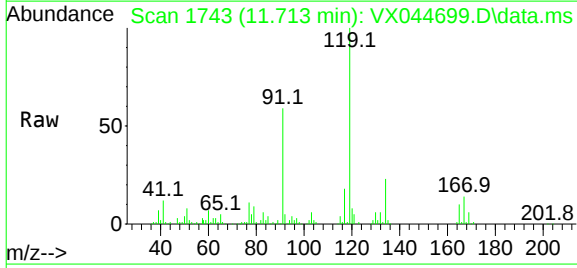
#79
tert-butylbenzene
Concen: 19.169 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.7	0.0	119.0
134	23.2	0.0	44.8

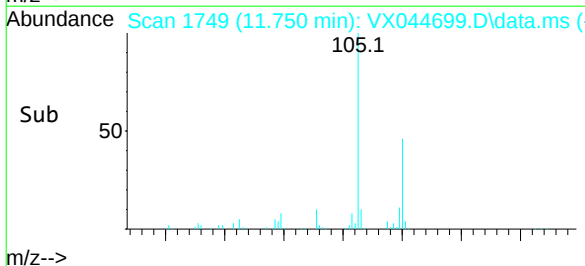
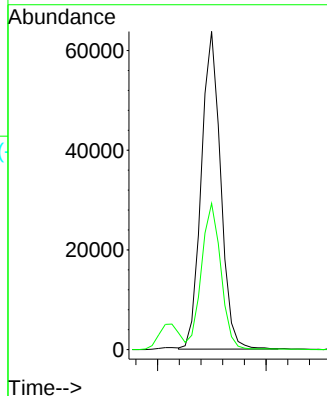
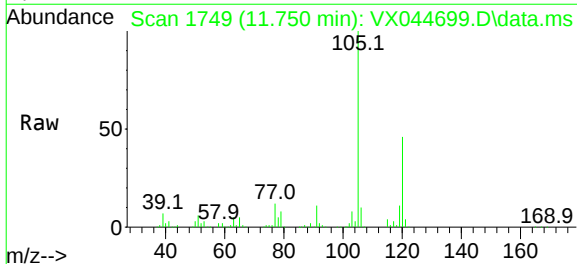
Manual Integrations
APPROVED

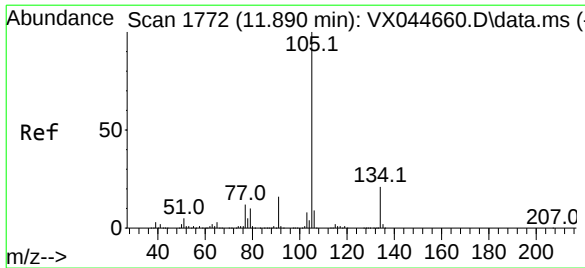
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.472 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	88.4





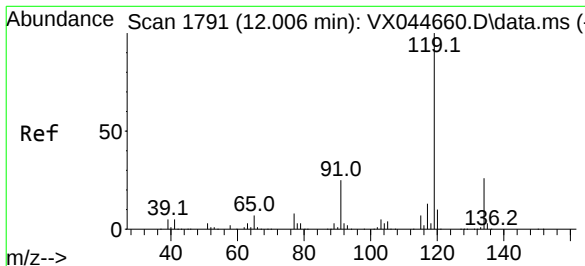
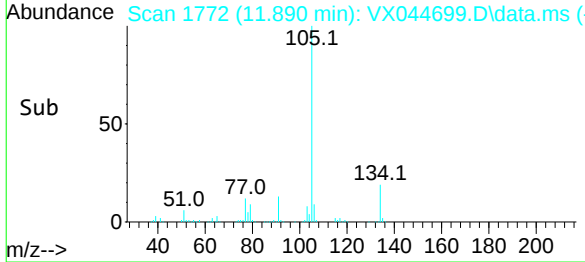
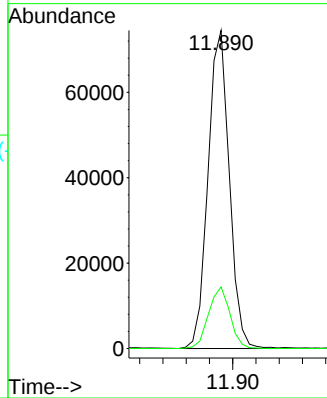
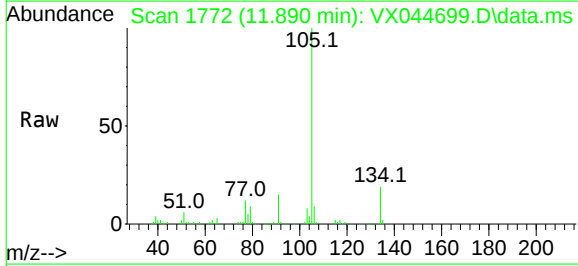
#81
sec-Butylbenzene
Concen: 18.198 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 94566
Ion Ratio Lower Upper
105 100
134 19.4 0.0 39.6

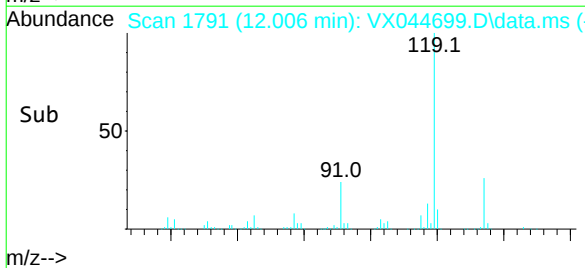
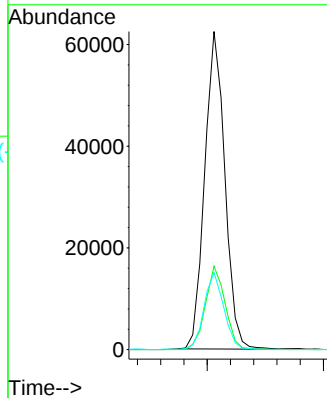
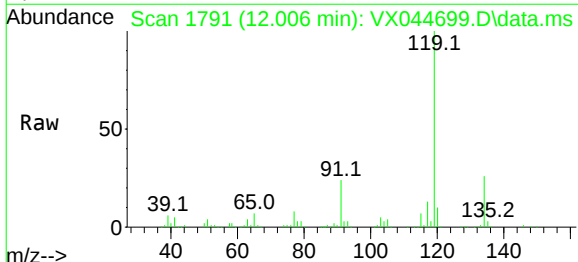
Manual Integrations
APPROVED

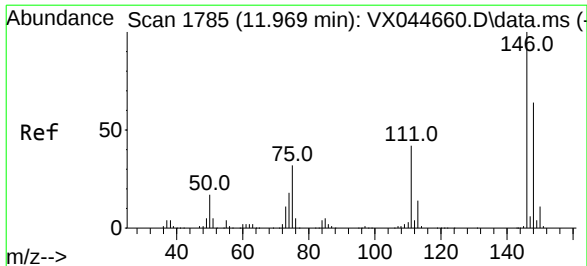
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#82
p-Isopropyltoluene
Concen: 17.595 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:119 Resp: 75252
Ion Ratio Lower Upper
119 100
134 25.8 0.0 52.2
91 23.8 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 16.692 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

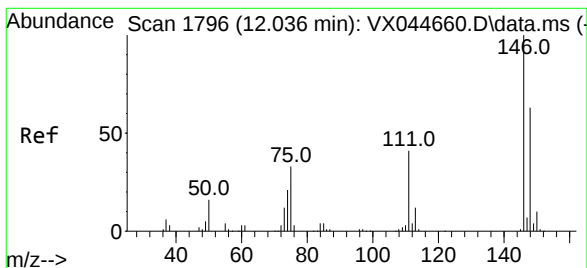
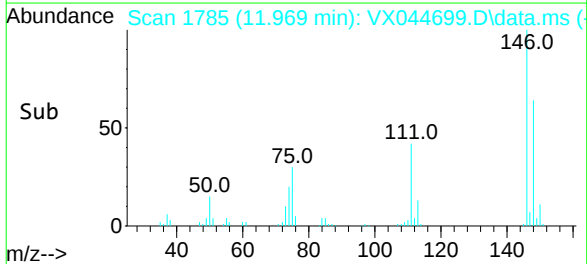
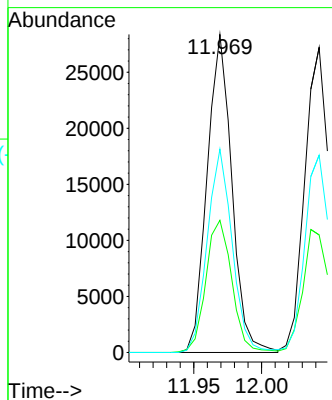
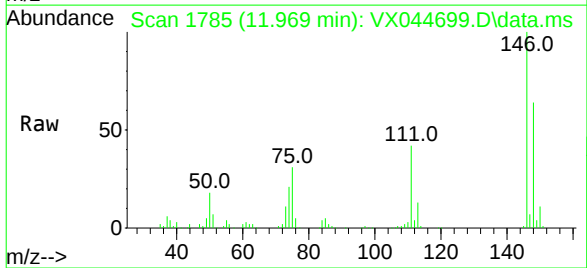
VSTDCCC020

Tgt Ion:	146	Resp:	36029
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.6	64.6
148	64.7	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#84

1,4-Dichlorobenzene

Concen: 16.936 ug/l

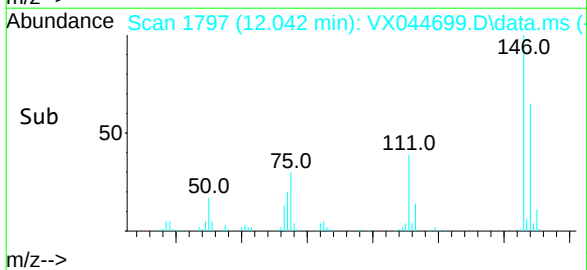
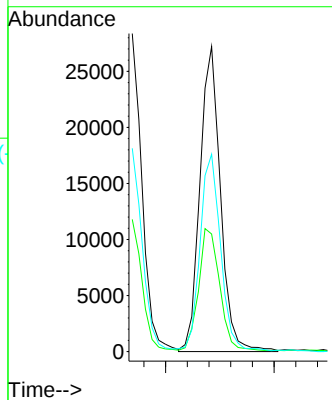
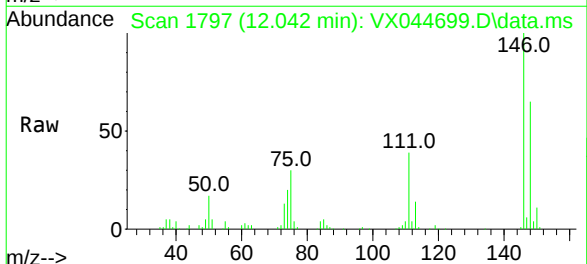
RT: 12.042 min Scan# 1797

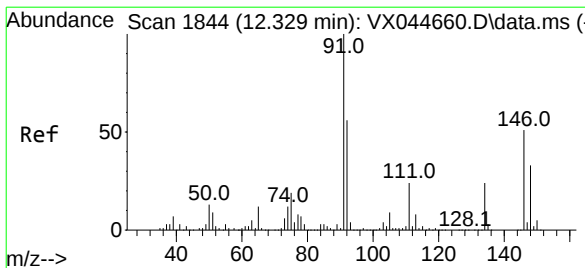
Delta R.T. 0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

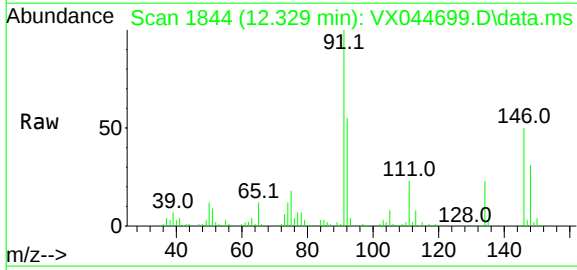
Tgt Ion:	146	Resp:	35836
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.8	62.5
148	64.5	32.1	96.5





#85
n-Butylbenzene
Concen: 15.953 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

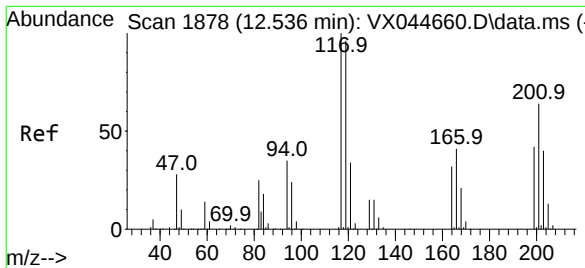
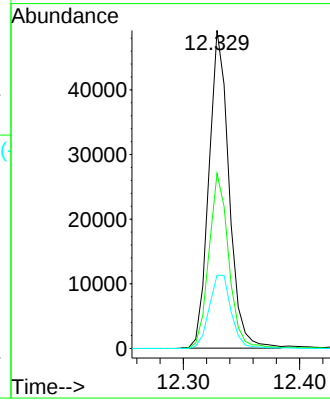
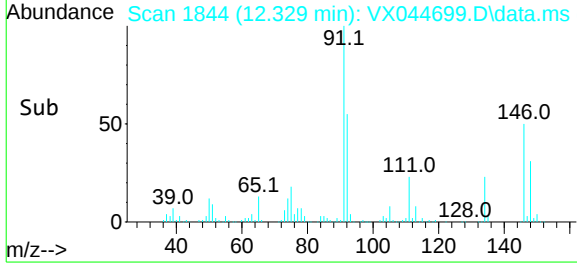
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 59143
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.4
134 25.3 0.0 49.2

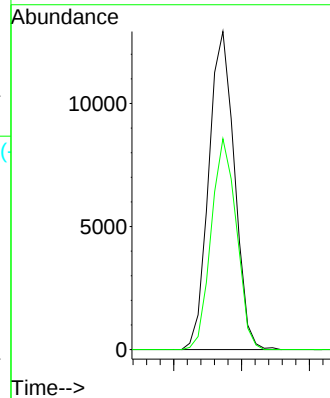
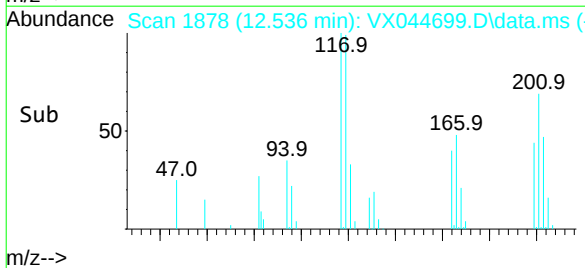
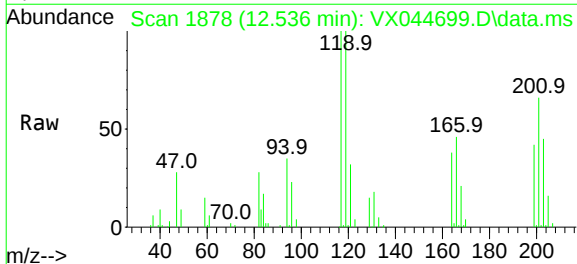
Manual Integrations
APPROVED

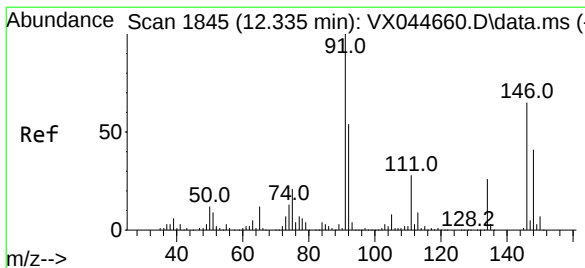
Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#86
Hexachloroethane
Concen: 18.111 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:117 Resp: 17040
Ion Ratio Lower Upper
117 100
201 65.0 33.0 98.9





#87

1,2-Dichlorobenzene

Concen: 17.960 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044699.D

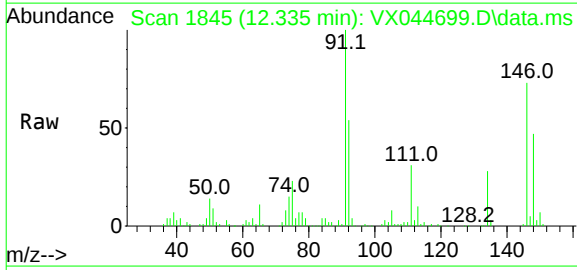
Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion:146 Resp: 38711

Ion Ratio Lower Upper

146 100

111 44.3 22.2 66.6

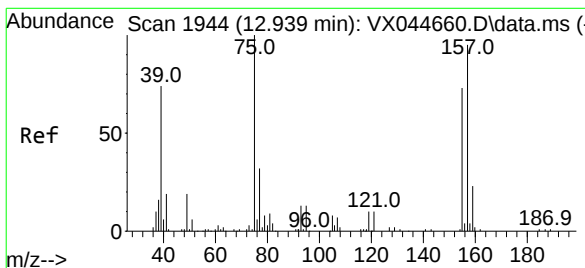
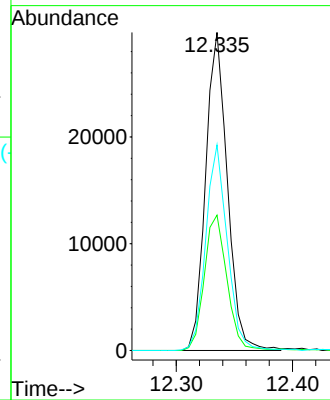
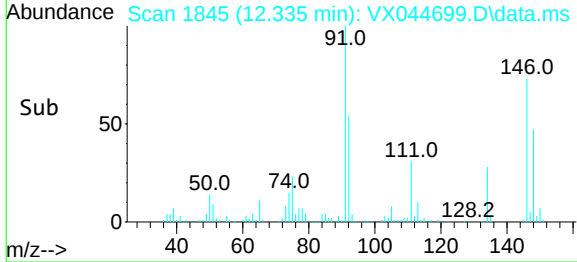
148 64.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025

Supervised By :Semsettin Yesilyurt 01/24/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.706 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

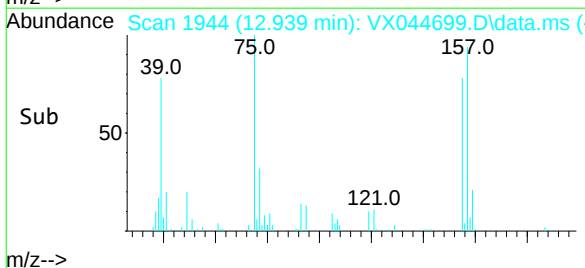
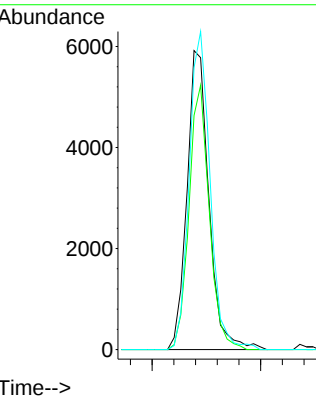
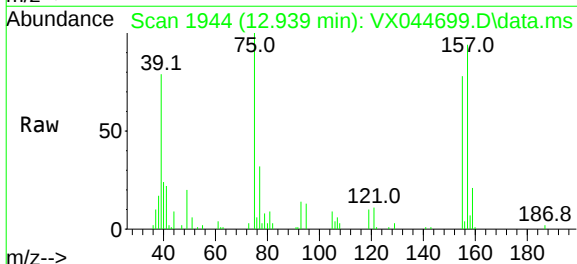
Tgt Ion: 75 Resp: 8323

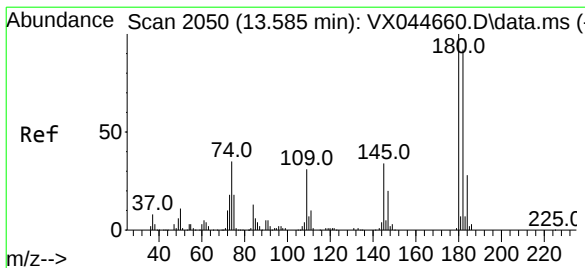
Ion Ratio Lower Upper

75 100

155 81.5 62.3 93.5

157 100.7 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 14.955 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:180 Resp: 20031

Ion Ratio Lower Upper

180 100

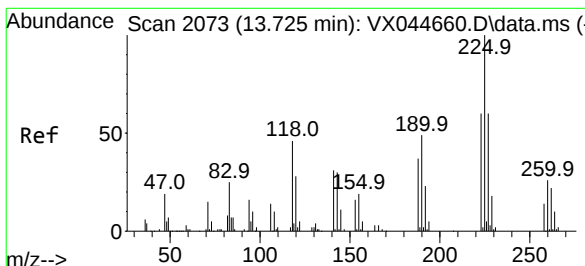
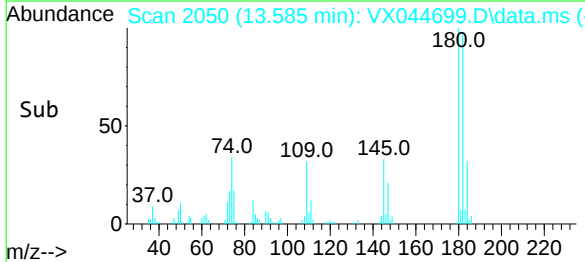
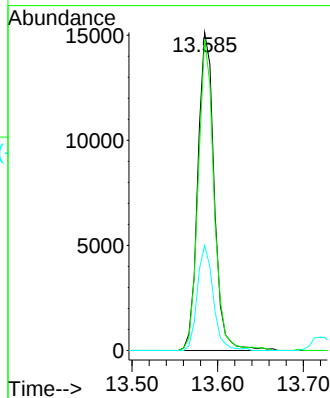
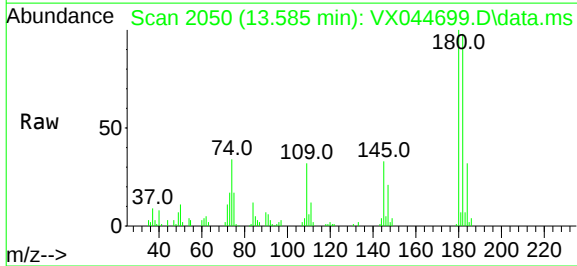
182 94.7 75.6 113.4

145 32.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#90

Hexachlorobutadiene

Concen: 15.580 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX044699.D

Acq: 23 Jan 2025 08:21

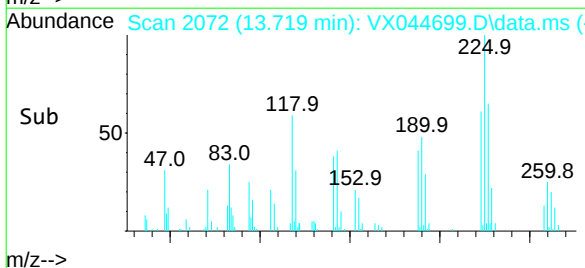
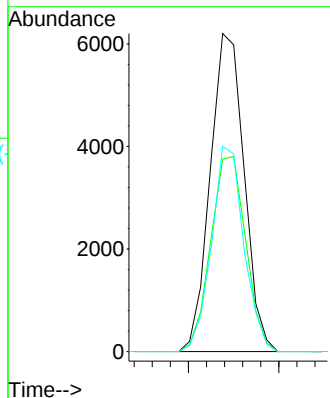
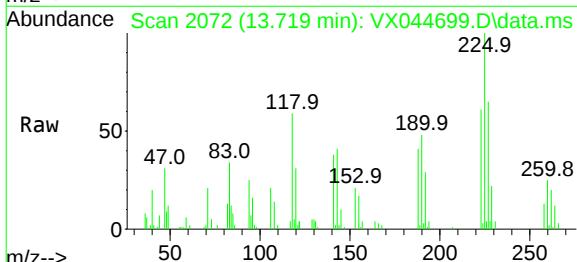
Tgt Ion:225 Resp: 8072

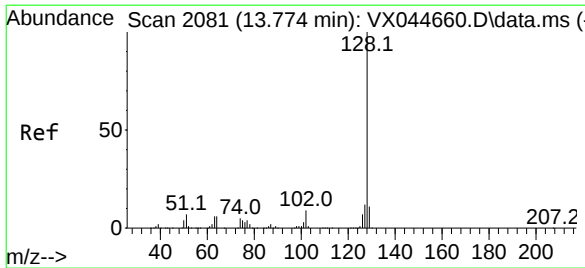
Ion Ratio Lower Upper

225 100

223 63.6 0.0 123.0

227 61.5 0.0 124.2





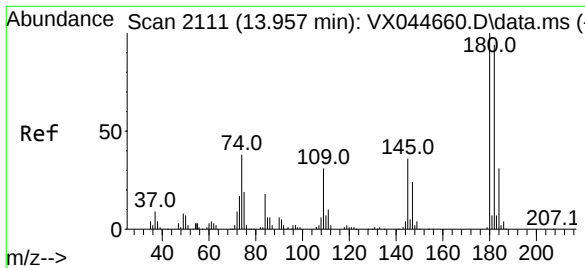
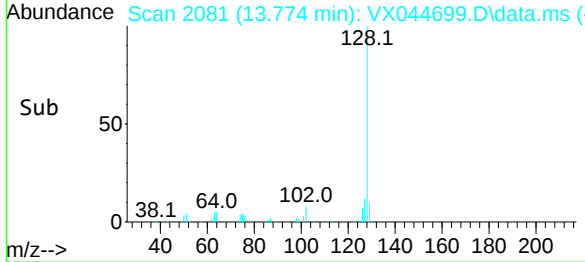
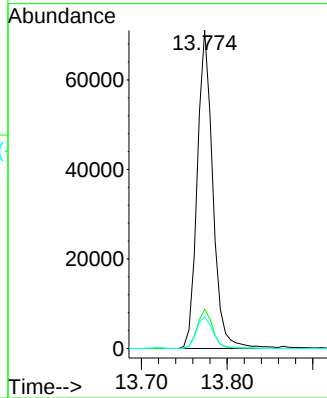
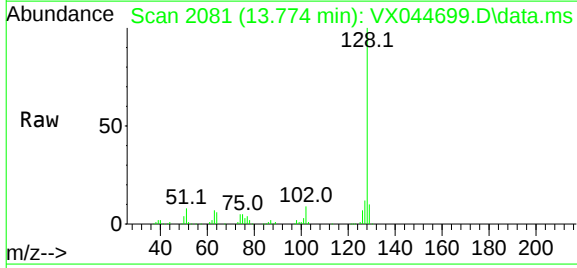
#91
Naphthalene
Concen: 17.907 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	128	Resp:	89735
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.6	9.0	13.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
Supervised By :Semsettin Yesilyurt 01/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 15.437 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044699.D
Acq: 23 Jan 2025 08:21

Tgt Ion:	180	Resp:	21030
Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	187.8
145	34.6	0.0	69.8

